

003220-05244560

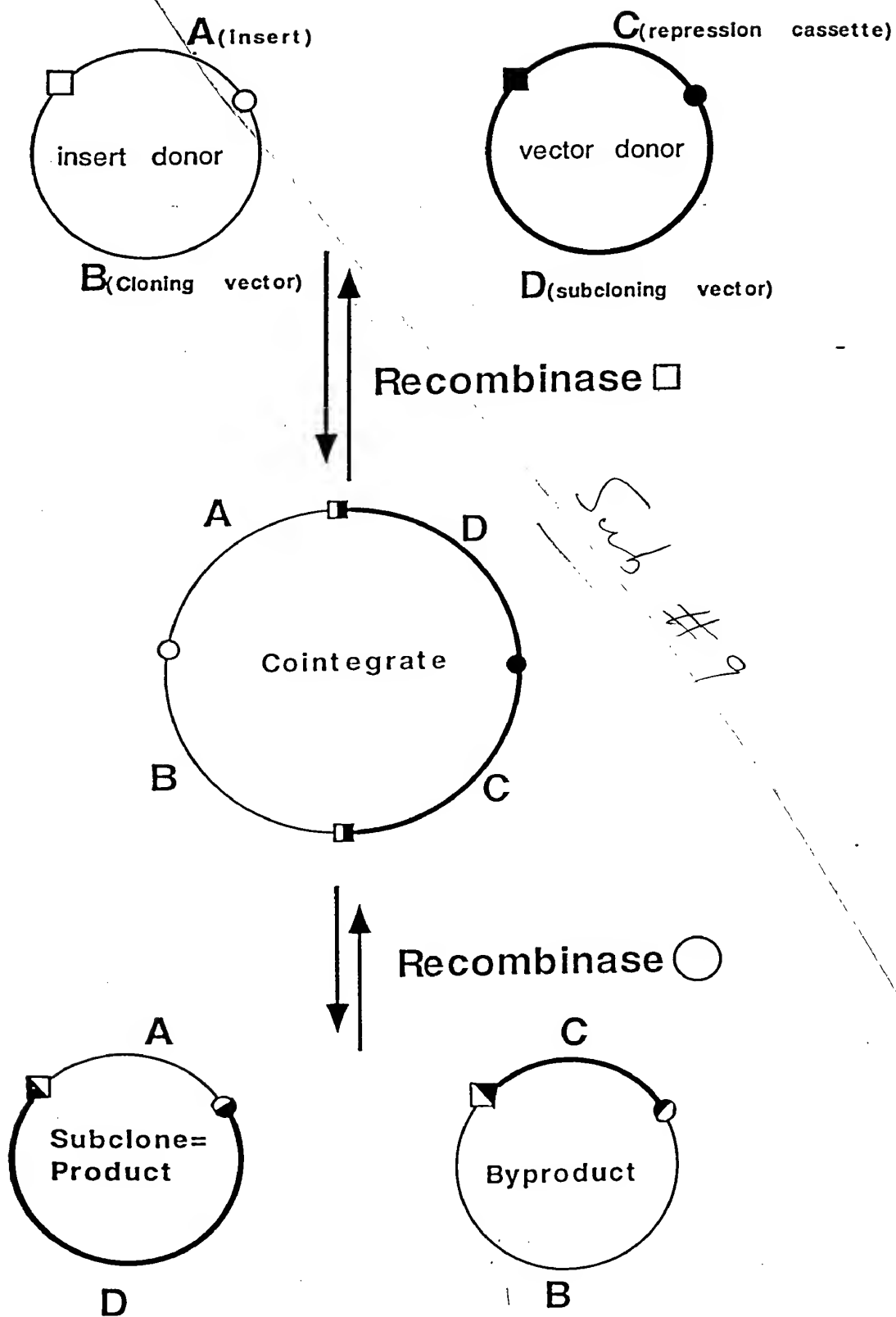
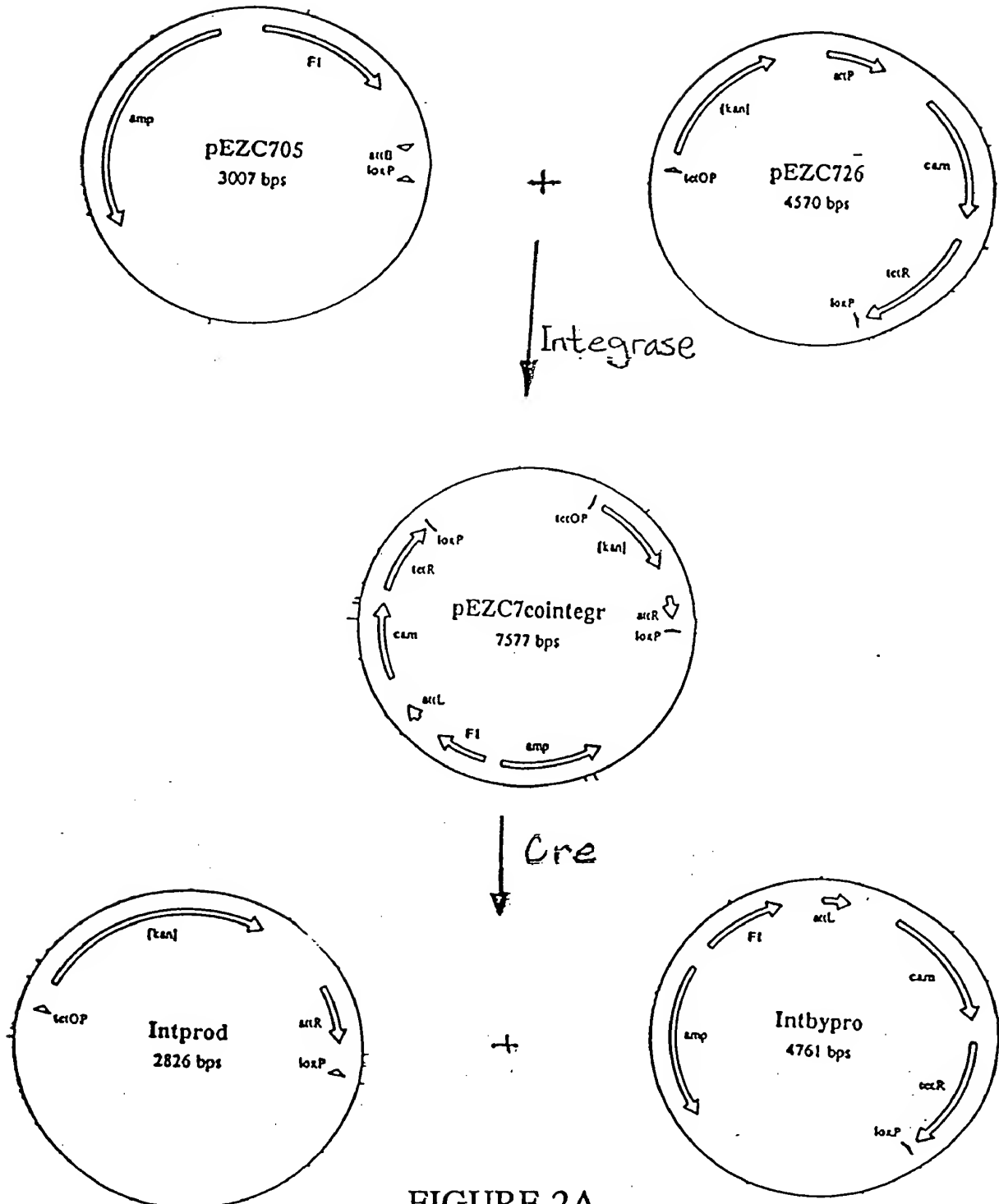
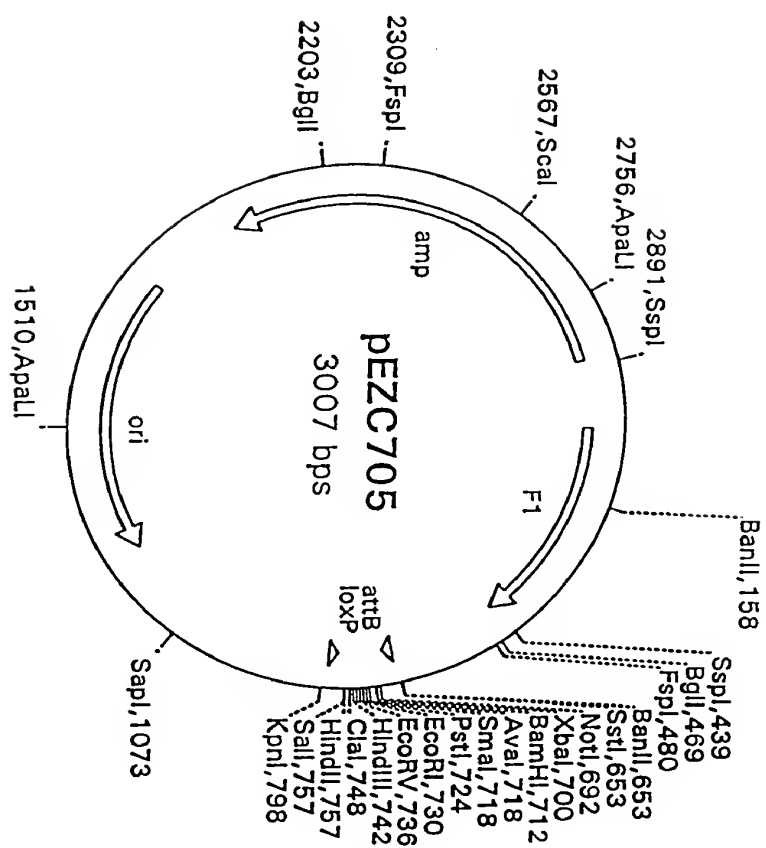


Figure 1

09648790-082800

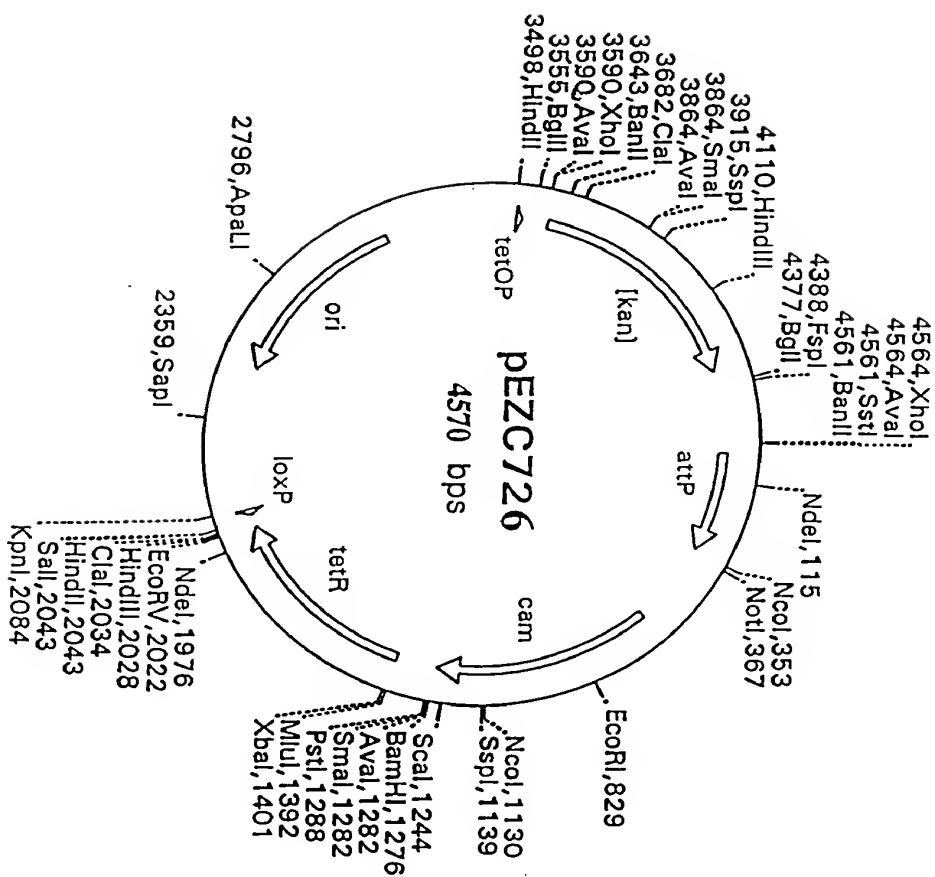


- FIGURE 2A -



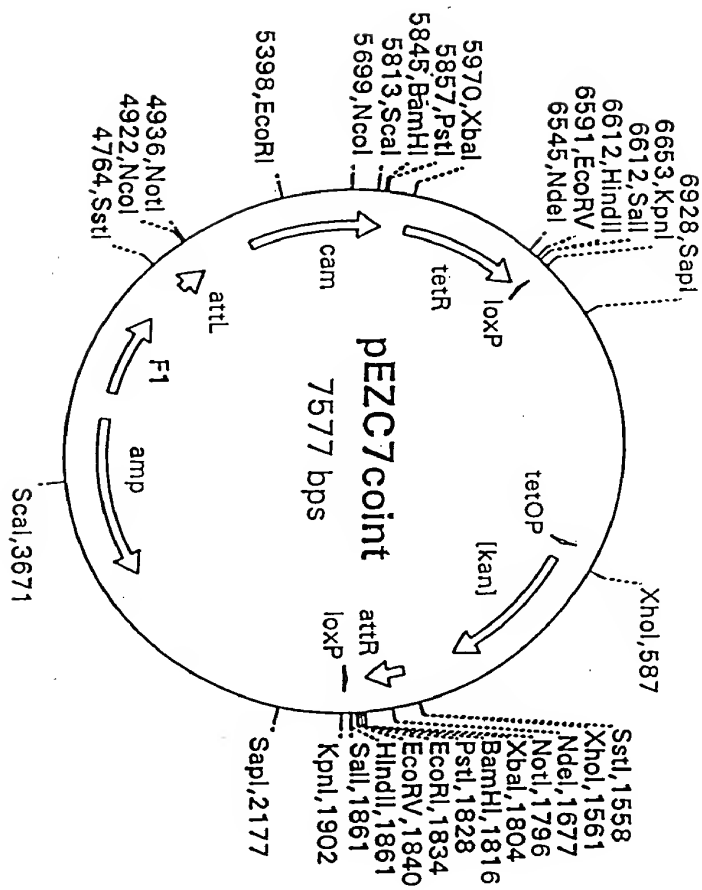
09648790 - 082800

- FIGURE 2B -



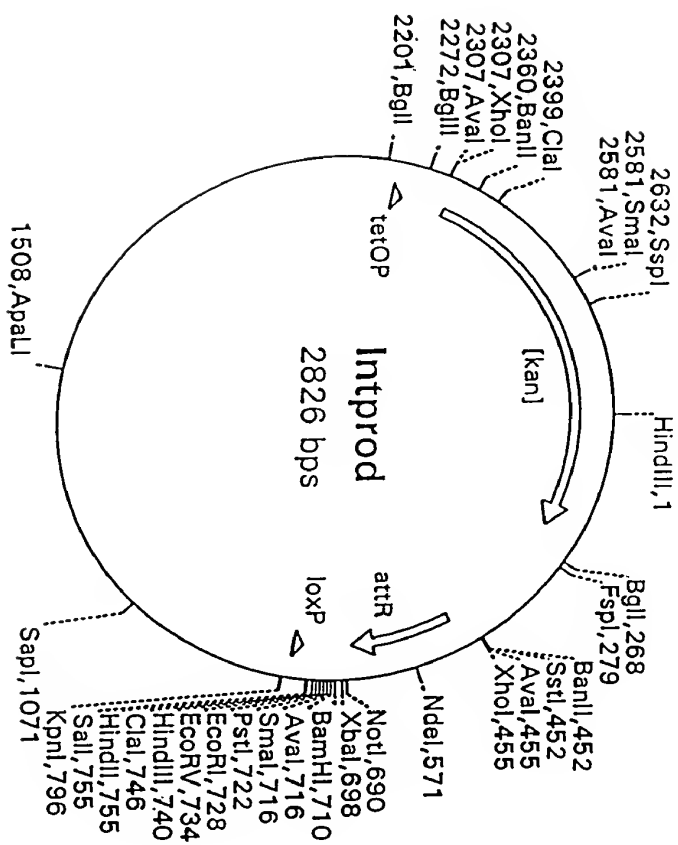
- FIGURE 2C -

09648790.032800



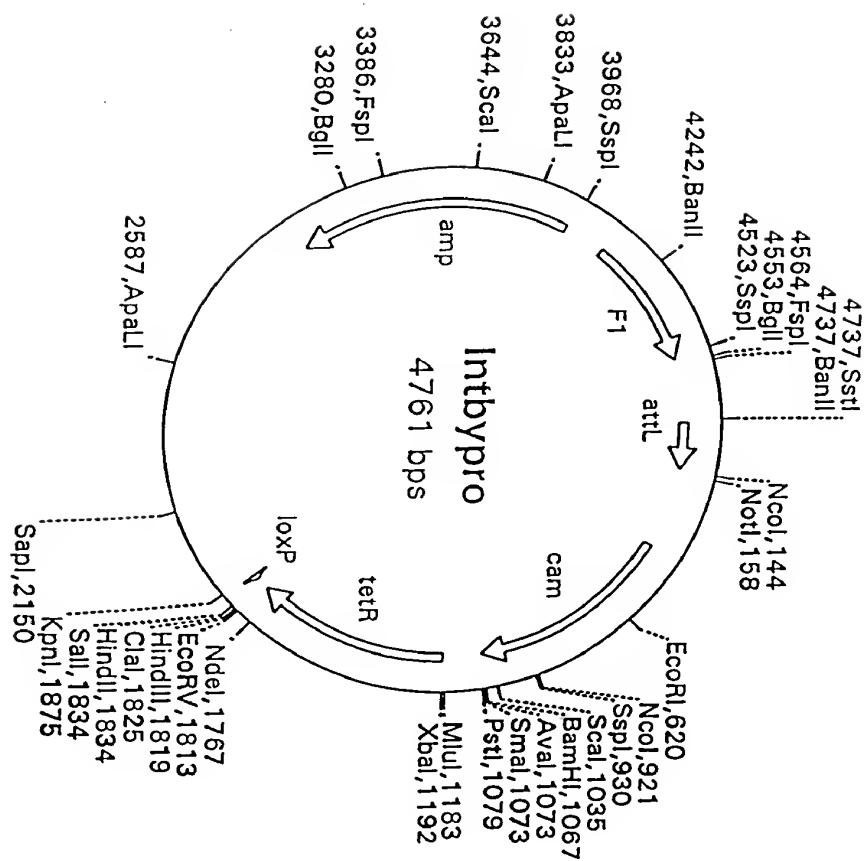
- FIGURE 2D -

09648790.082800



09648790.082800

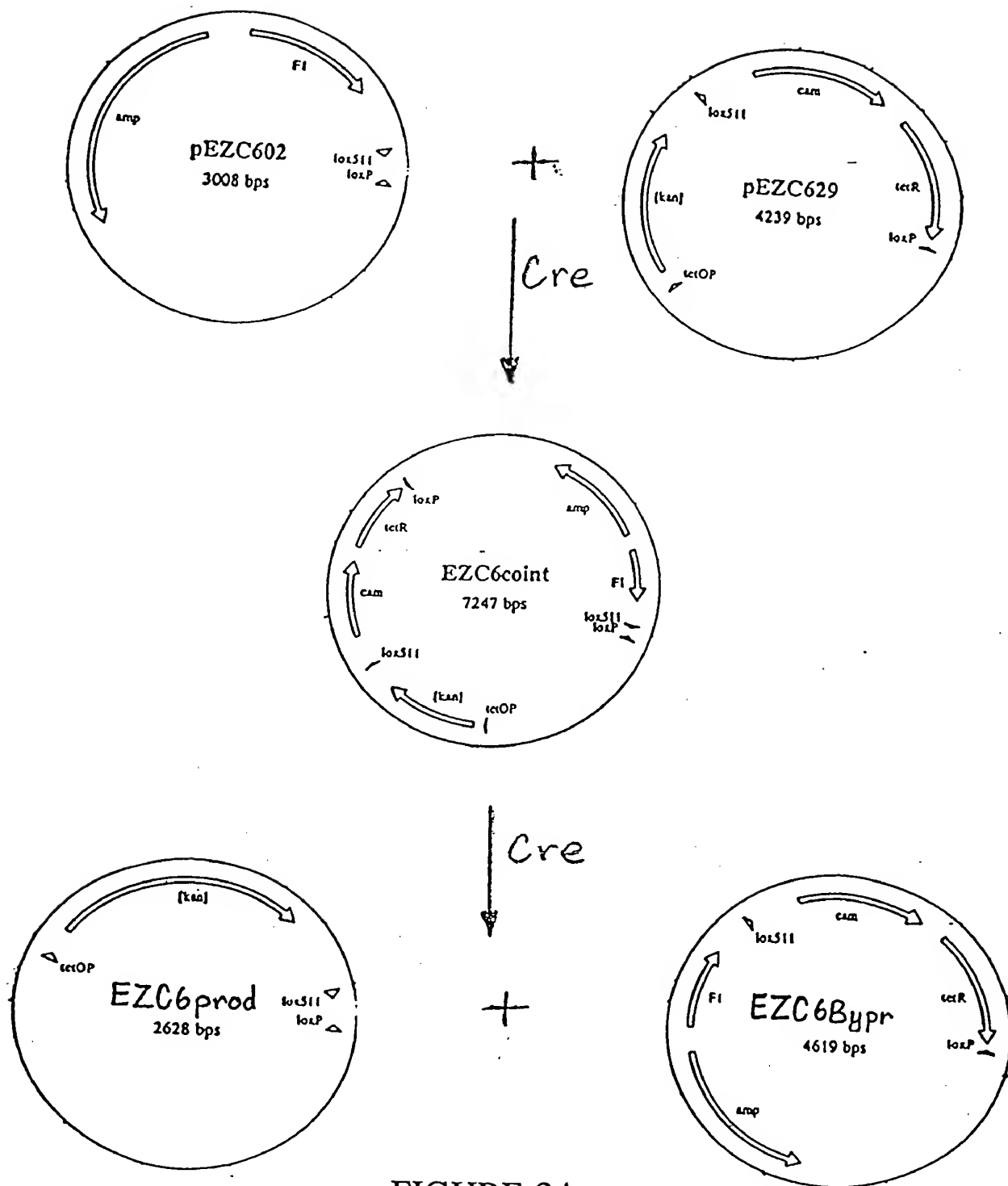
- FIGURE 2E -



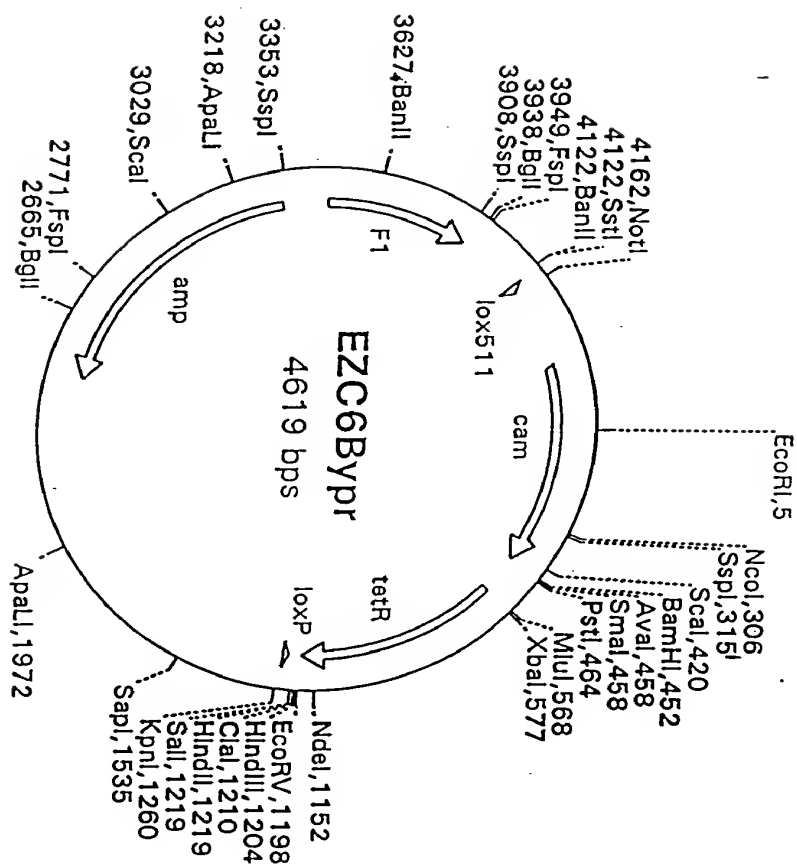
09648790-082800

- FIGURE 2F -

008280" 06/84960

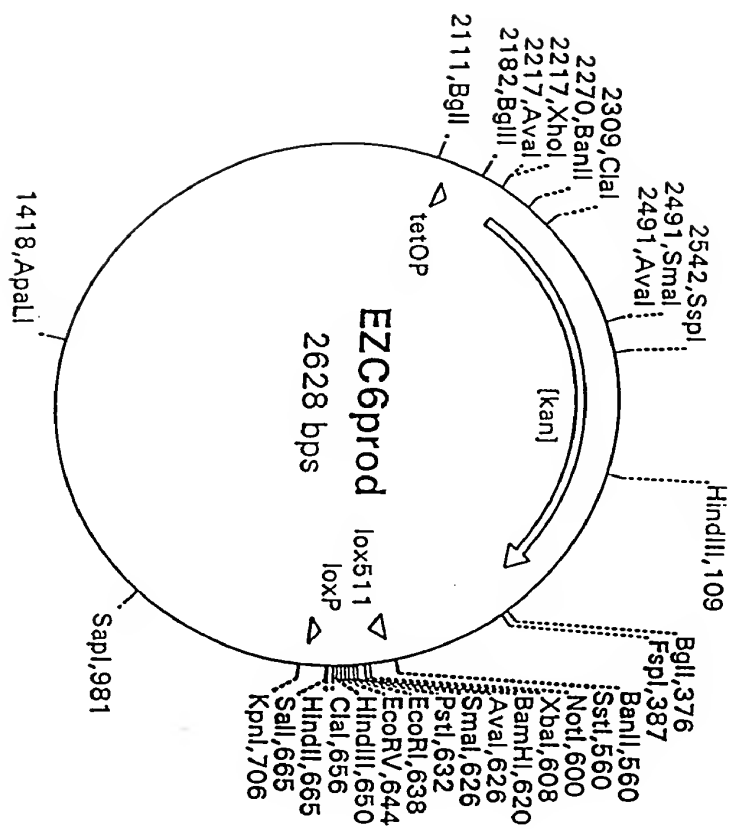


- FIGURE 3A -



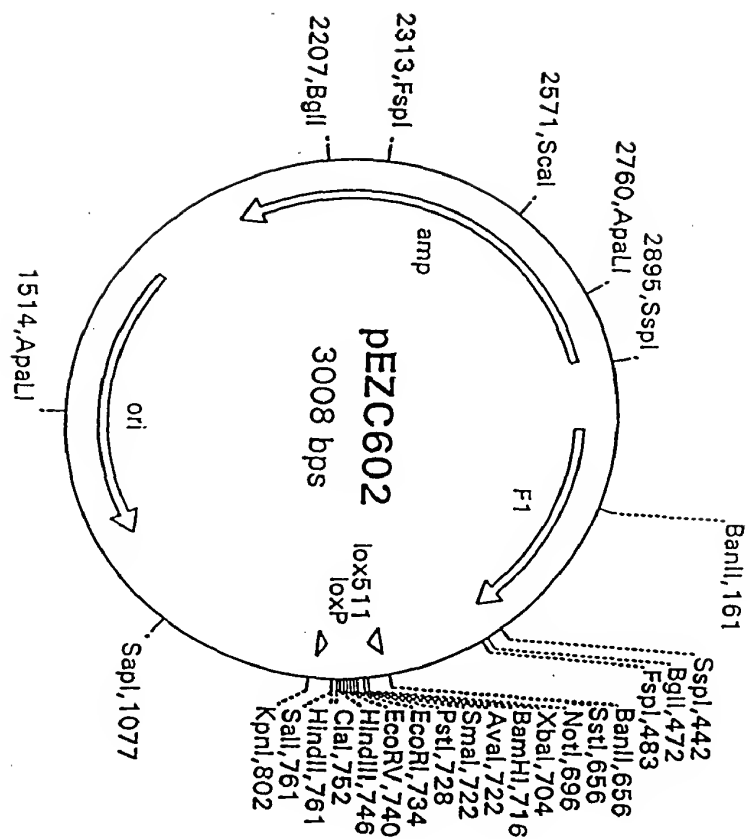
09648790 " 082800

- FIGURE 3B -



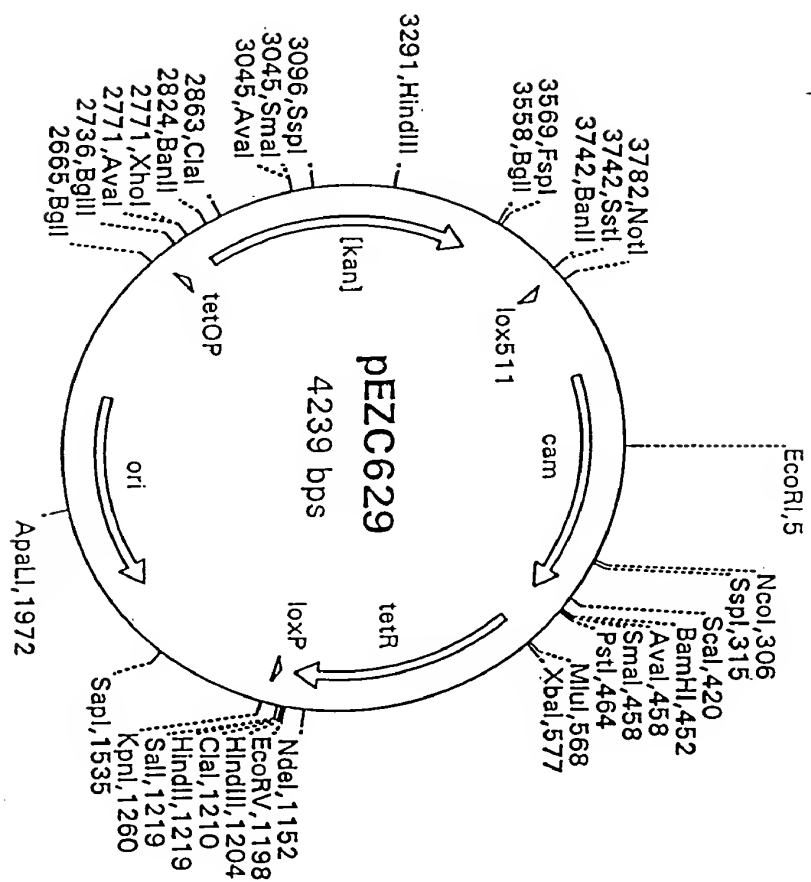
09648790 . 082800

- FIGURE 3C -



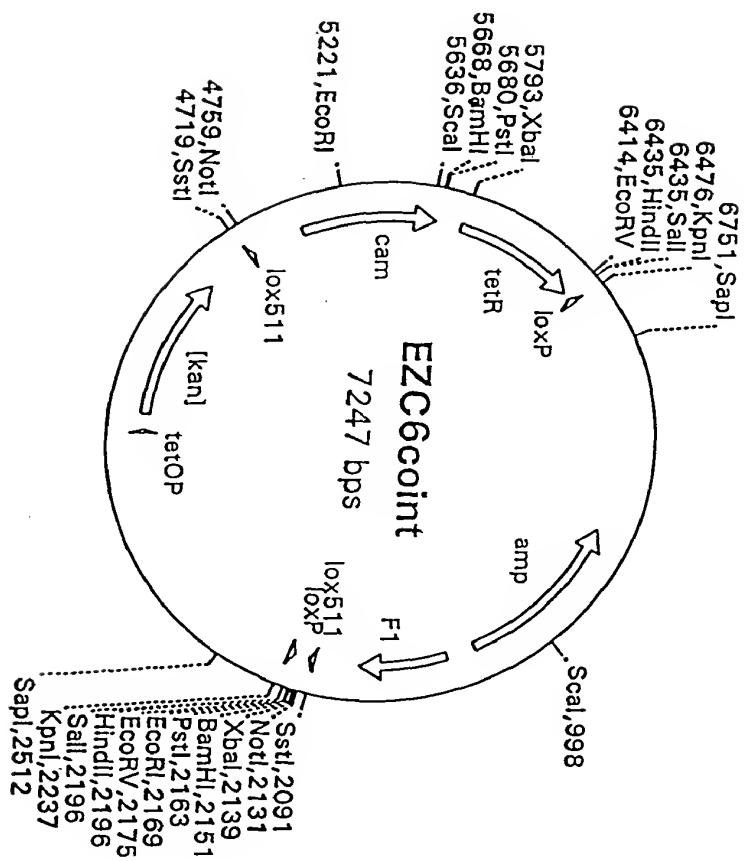
- FIGURE 3D -

09648790.082800



- FIGURE 3E -

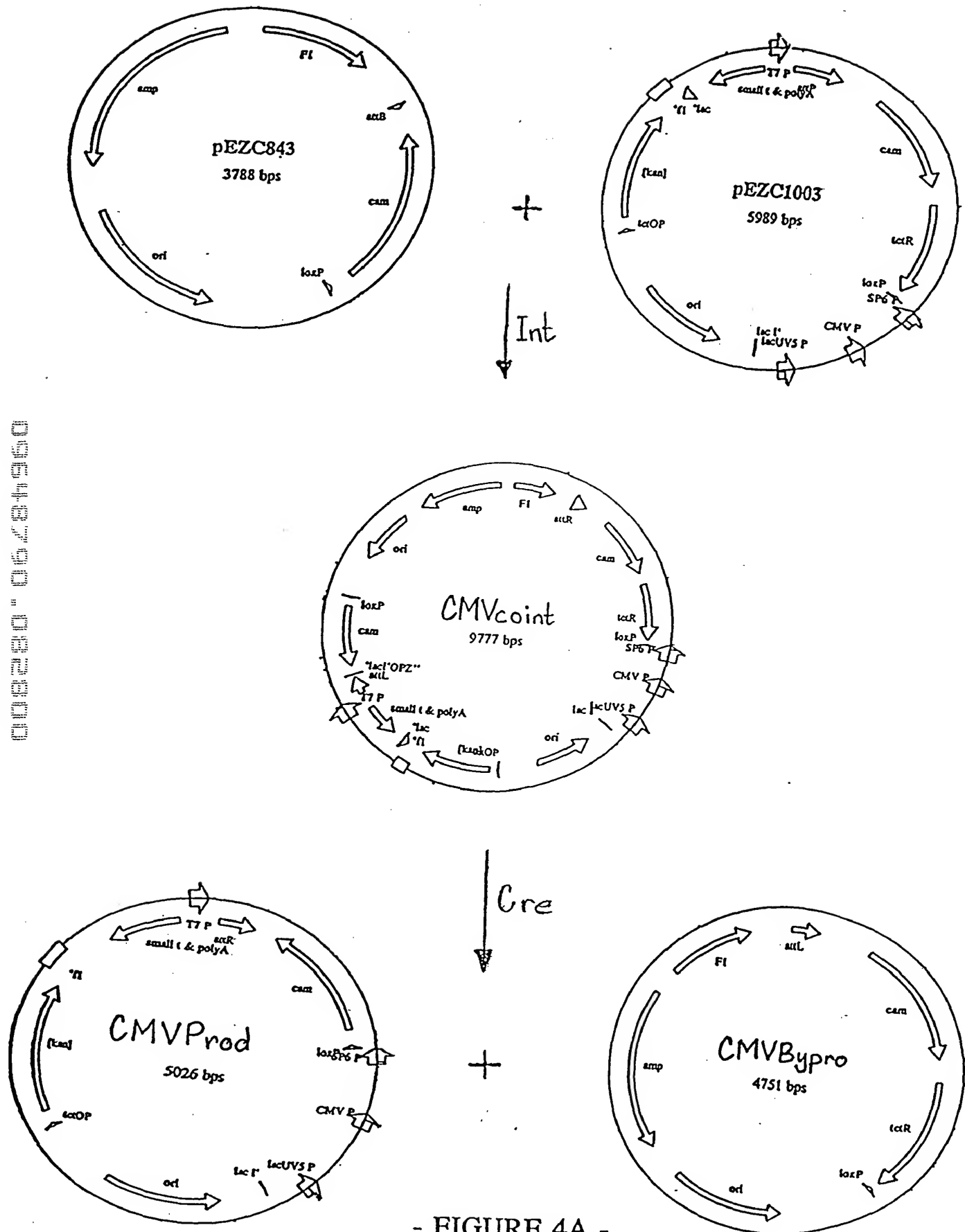
09643790.032300



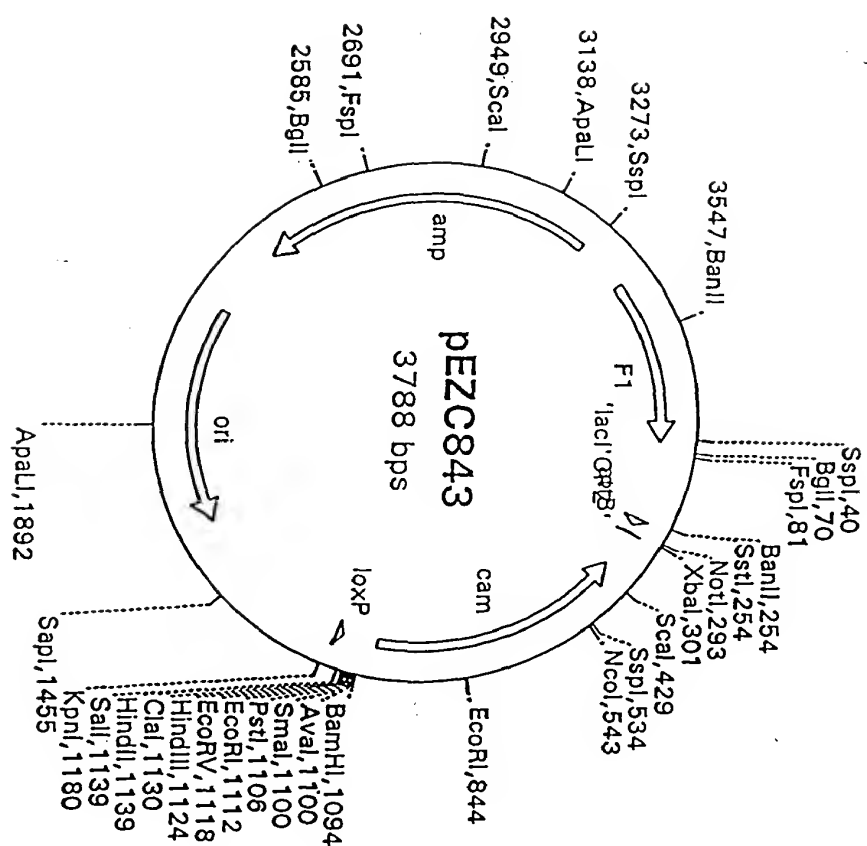
- FIGURE 3F -

09648790 . 082800

009280" 06/28/96 09:48:30 082600

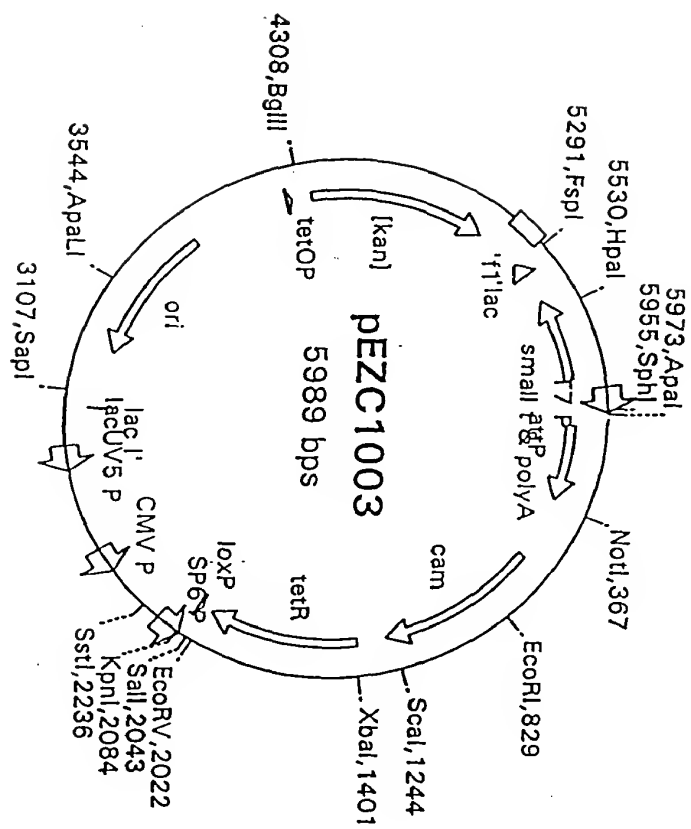


- FIGURE 4A -



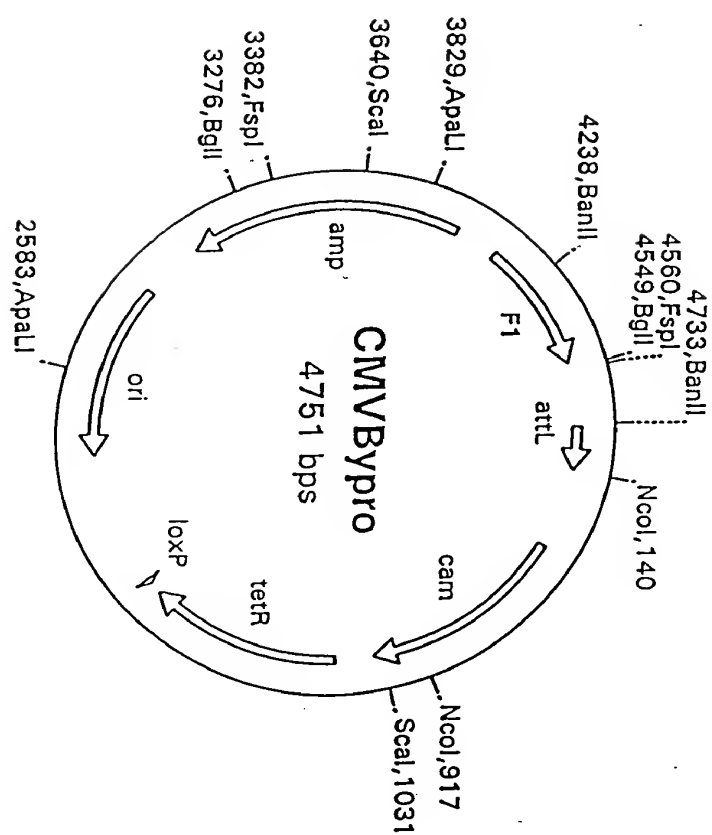
09648790.082800

- FIGURE 4B -



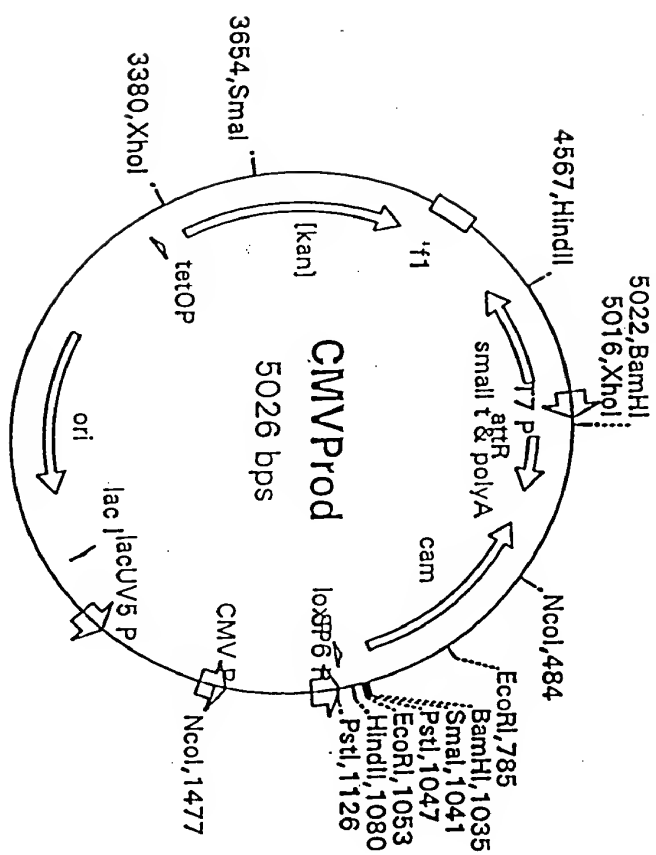
- FIGURE 4C -

09648790.082800



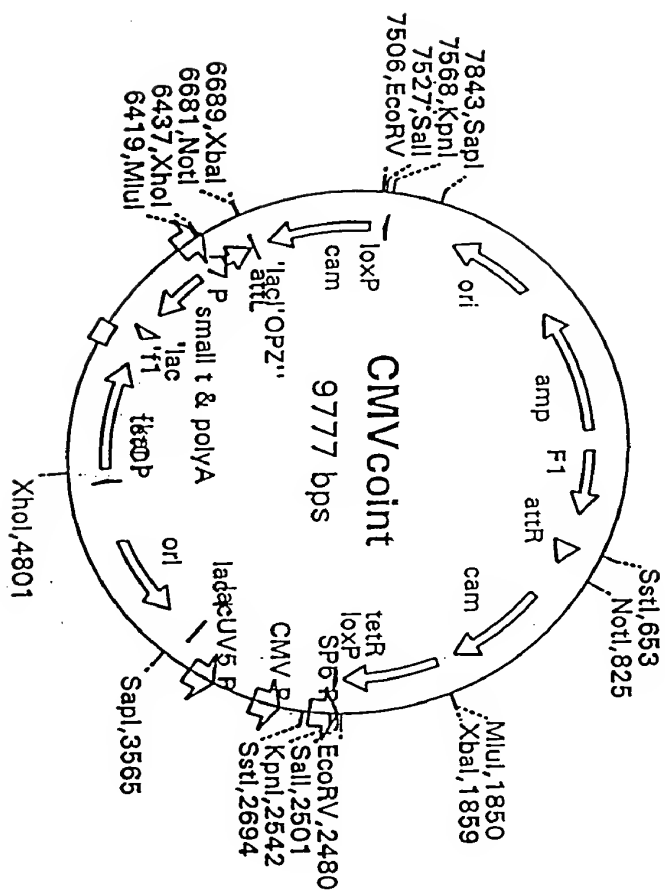
- FIGURE 4D -

09648790.082800



- FIGURE 4E -

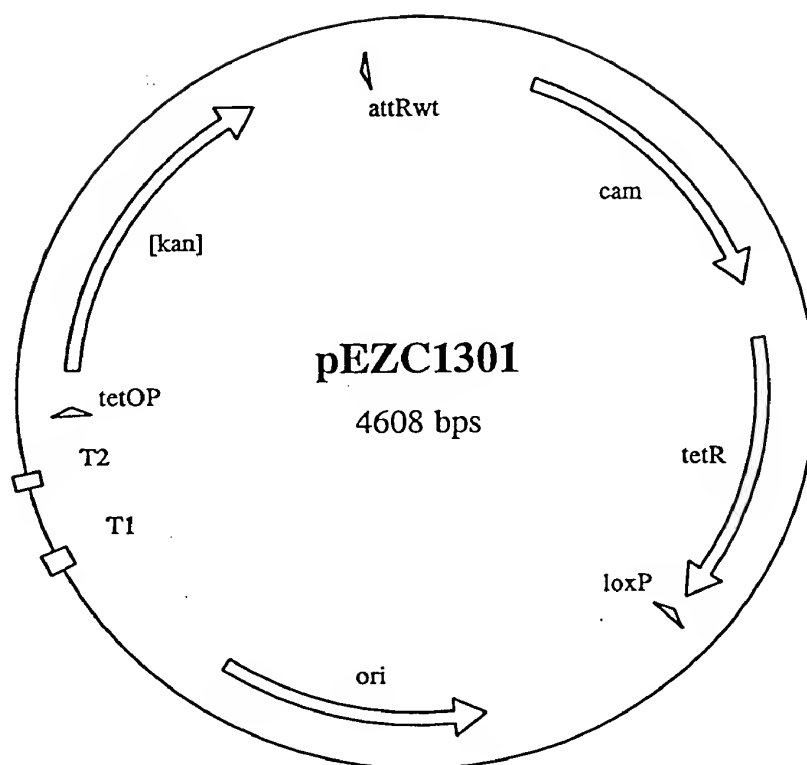
09648790.082800



09648790.082800

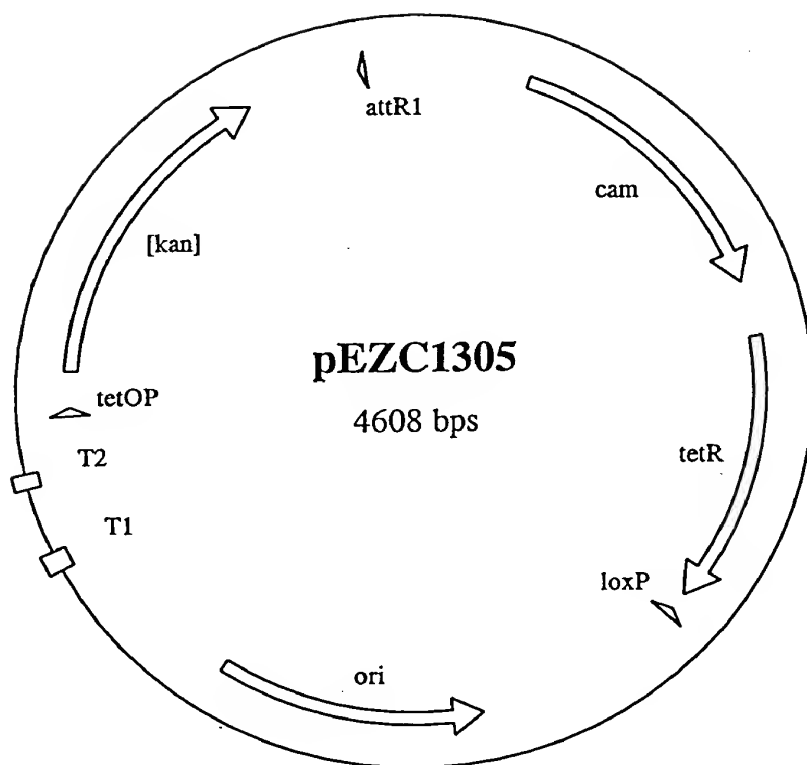
- FIGURE 4F -

003280" 06/27/95



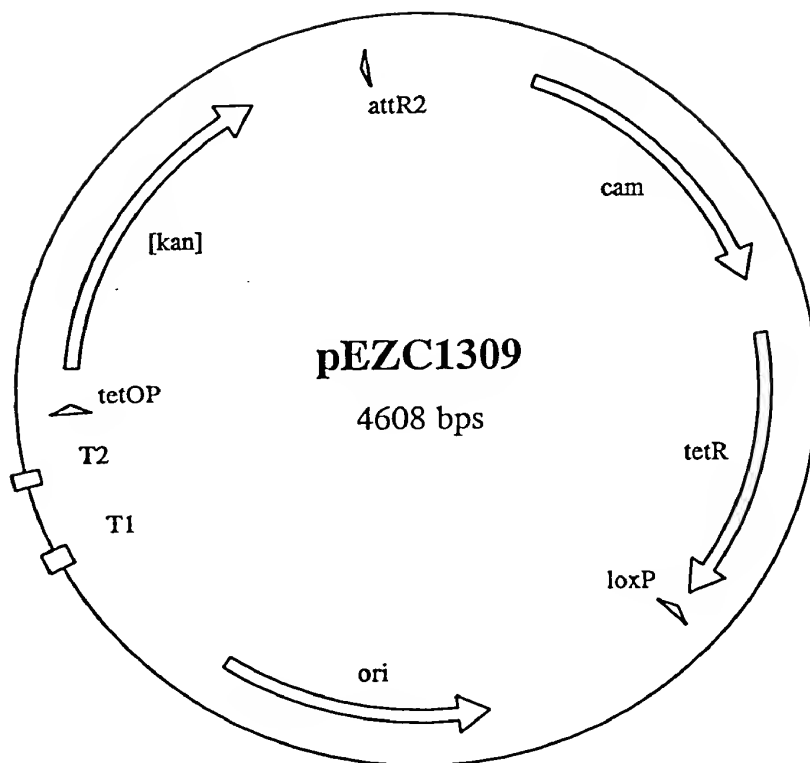
- FIGURE 5A -

003280" 05484960



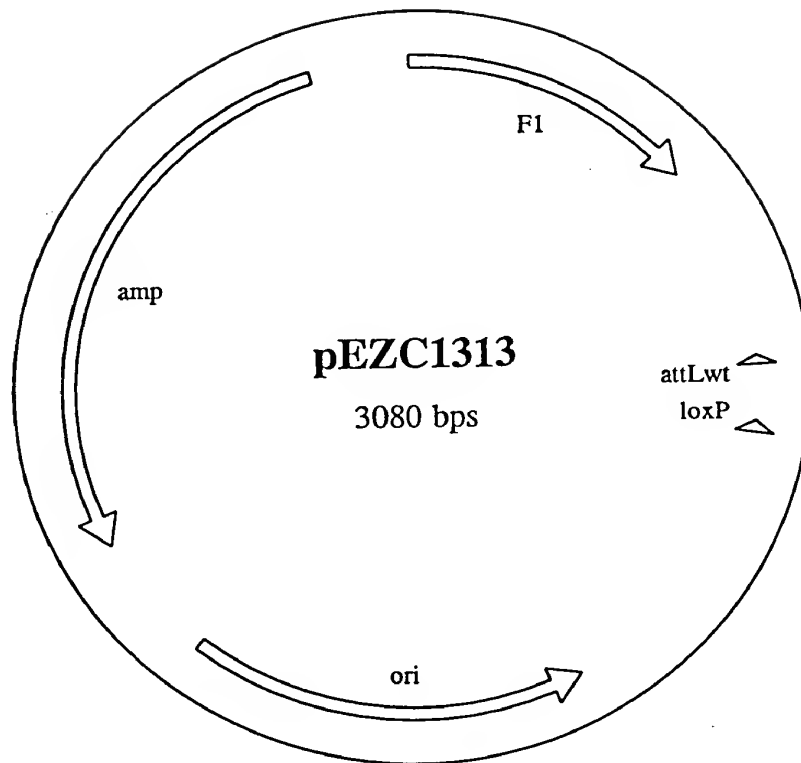
- FIGURE 5B -

003280" 05/04/96 09643790.082800

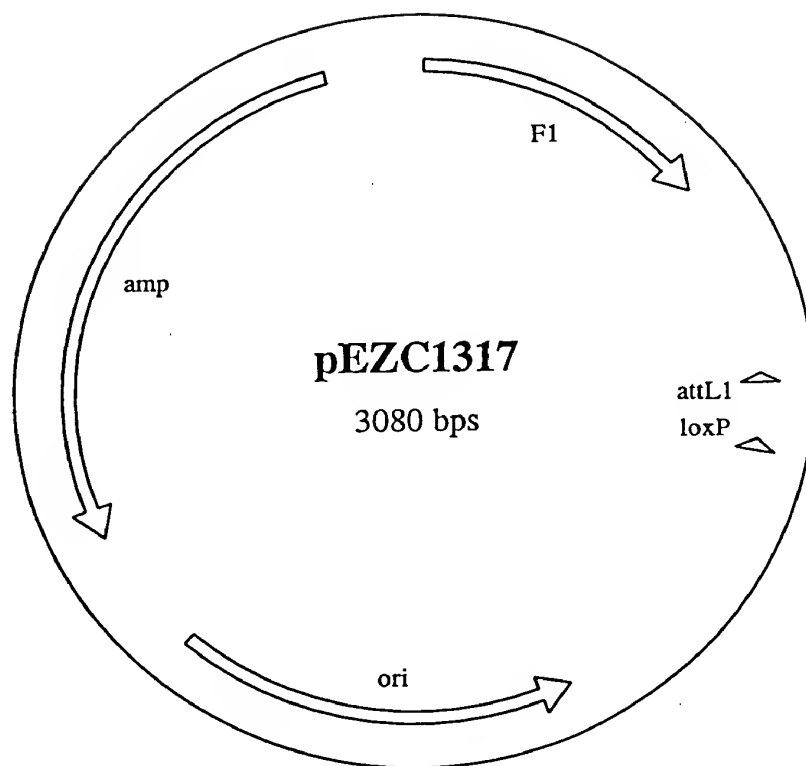


- FIGURE 5C -

003280" 05/8/95

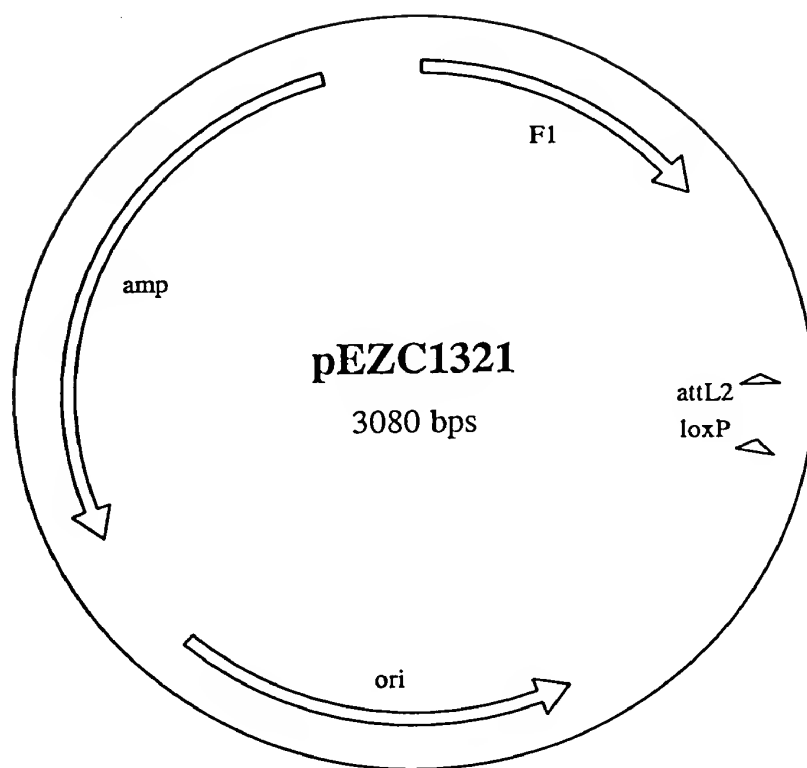


00000000 00000000



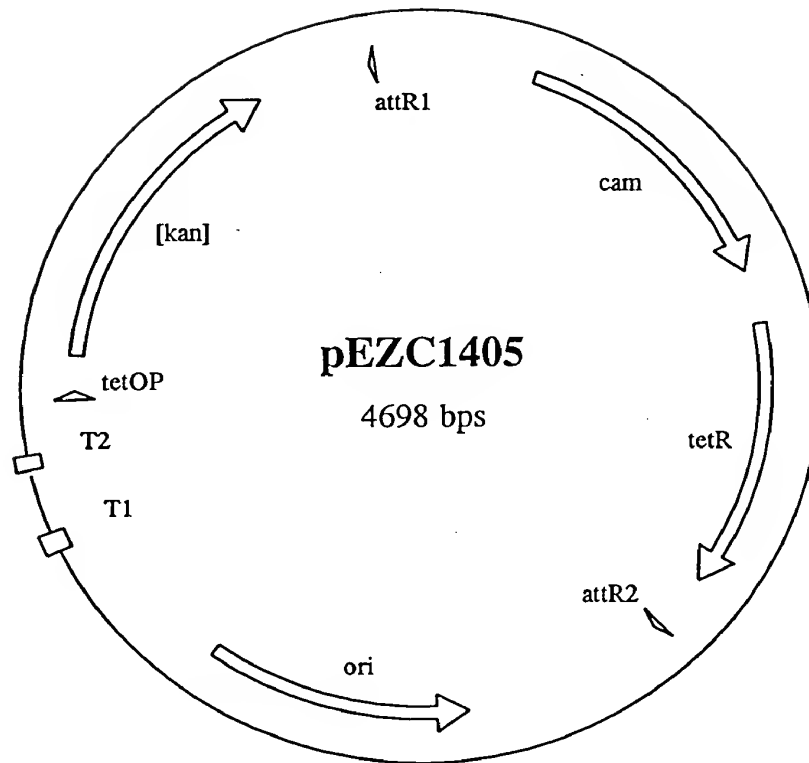
- FIGURE 5E -

003280" 05284960



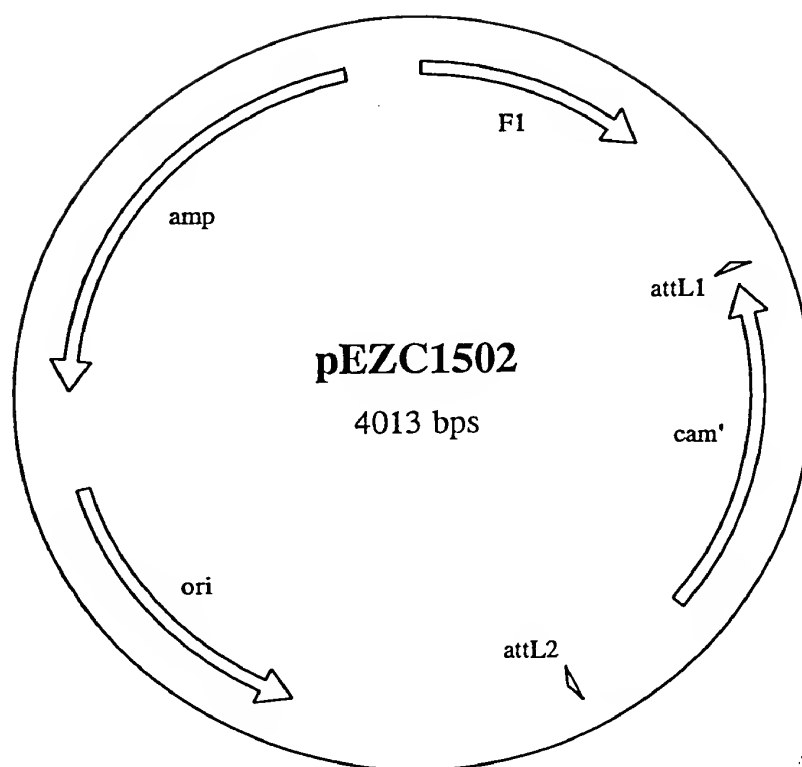
- FIGURE 5F -

000000" 06/04/96



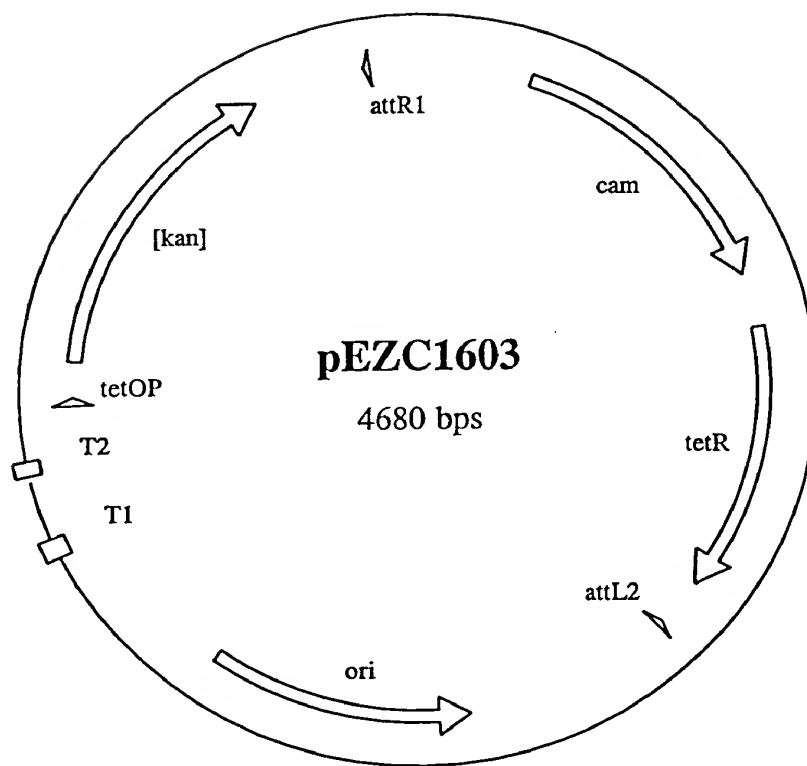
- FIGURE 5G -

09648790-082800



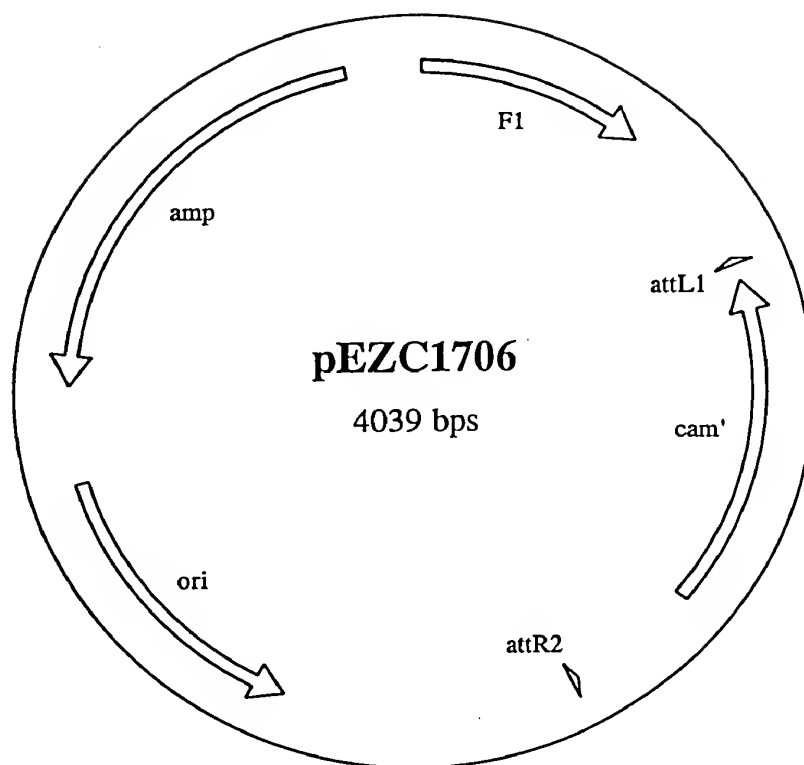
- FIGURE 5H -

003230 05434960



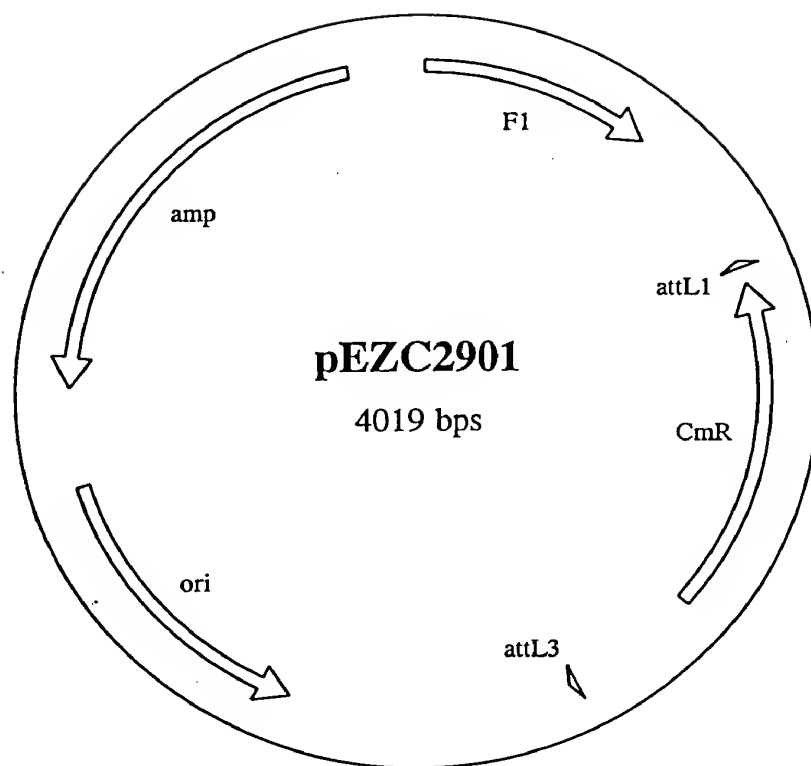
- FIGURE 6A -

008280" 06484960



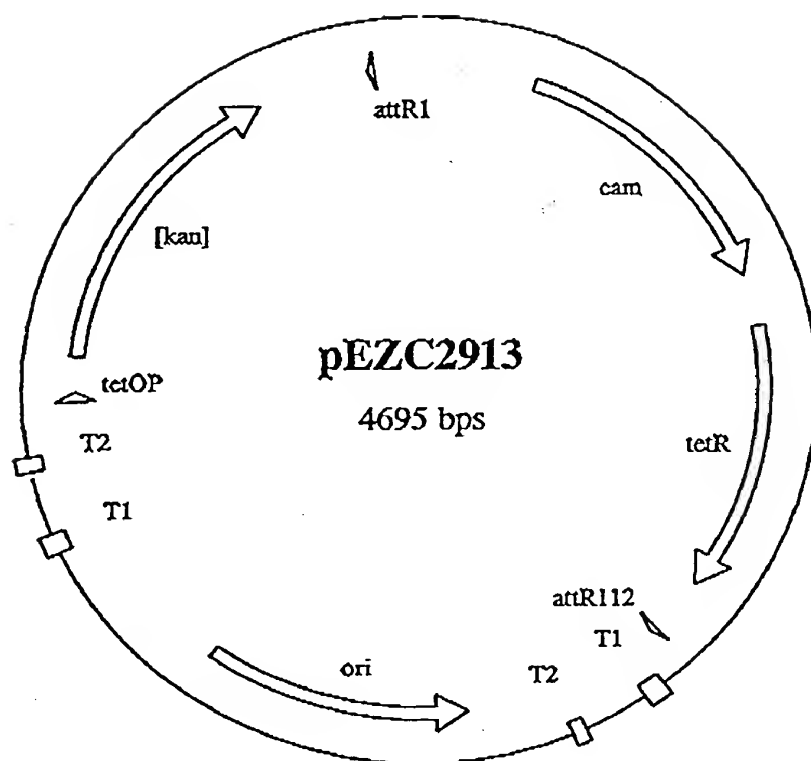
- FIGURE 6B -

09648790-082800



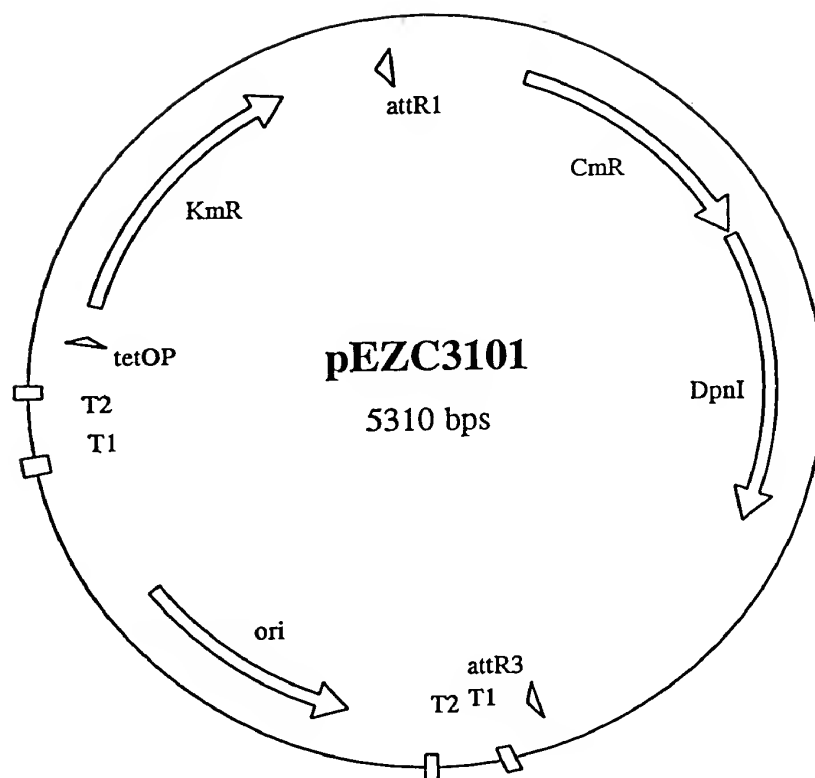
- FIGURE 7A -

008280" 06/84/960



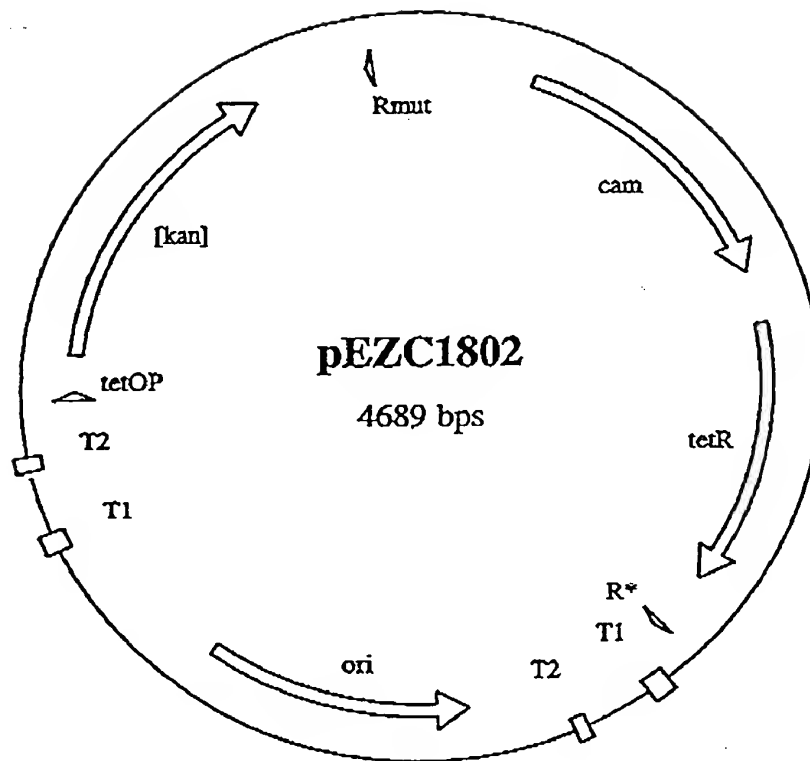
- FIGURE 7B -

008280" 06/84/960



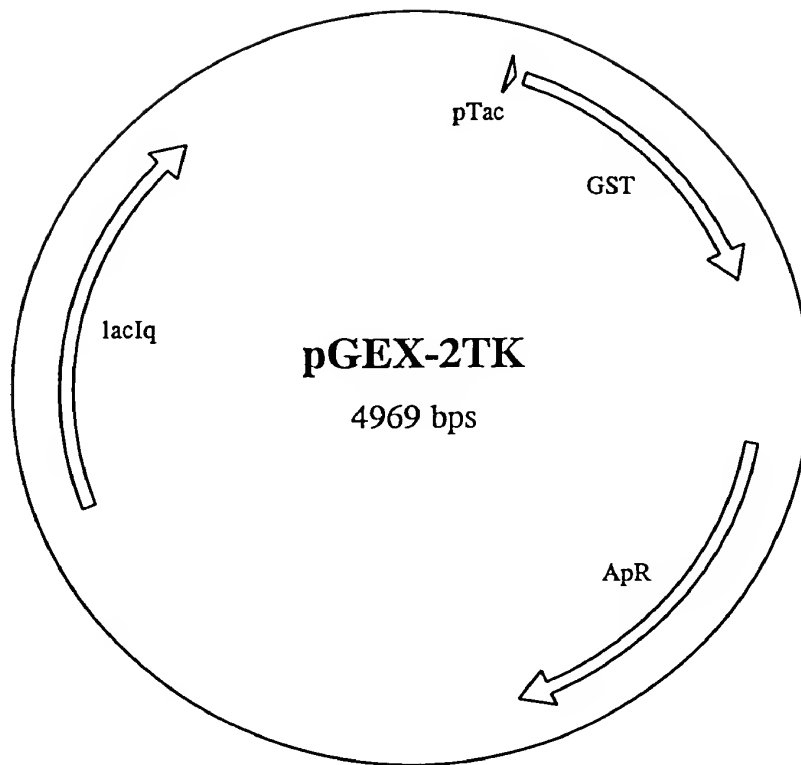
- FIGURE 7C -

003280" 06484960



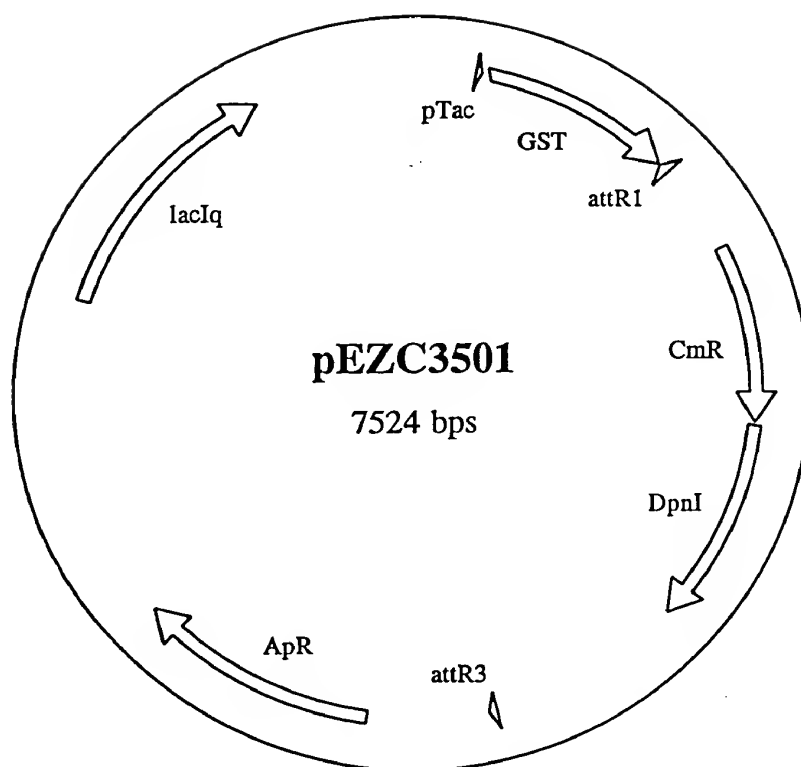
- FIGURE 7D -

008280" 06284960



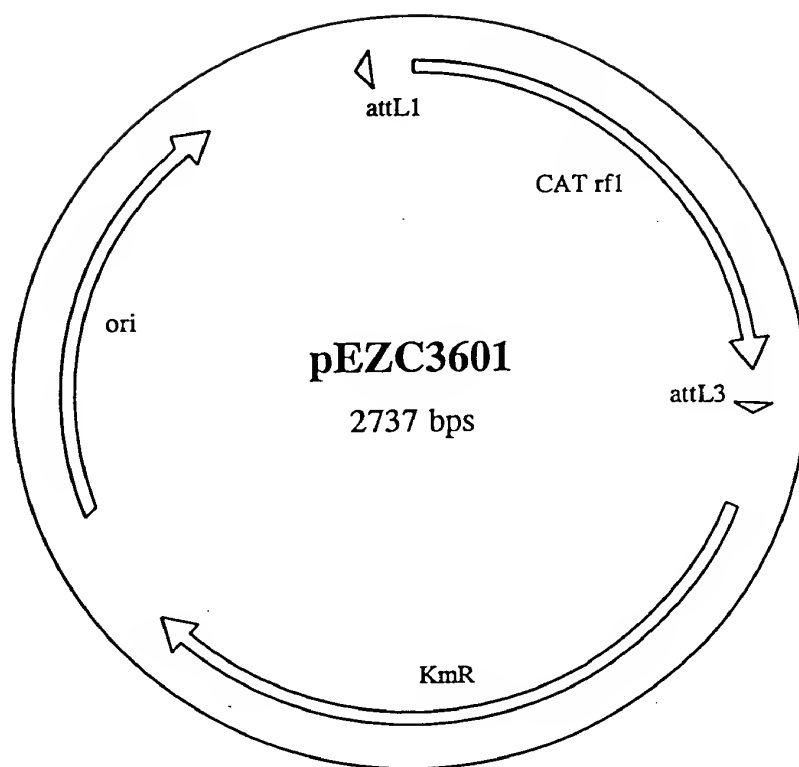
- FIGURE 8A -

09648790.082800

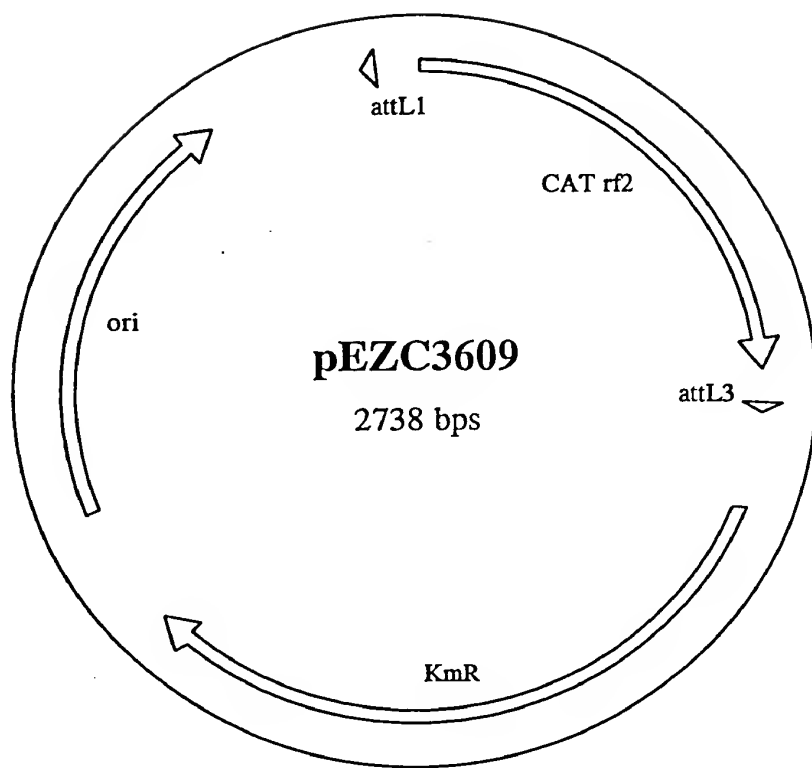


- FIGURE 8B -

09648790-082800

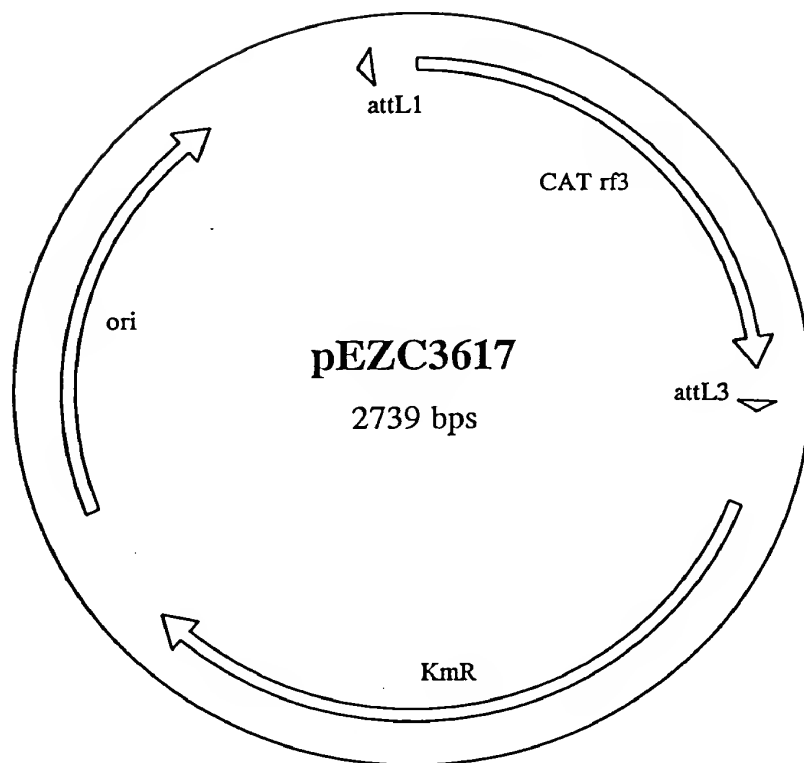


000000" 05/24/96

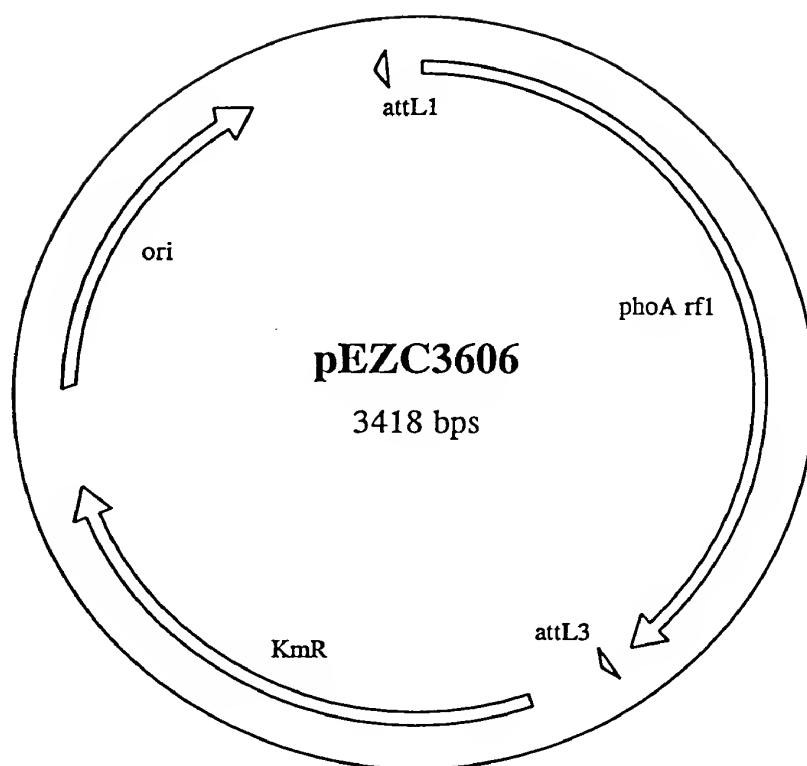


- FIGURE 8D -

000000" 06/04/95

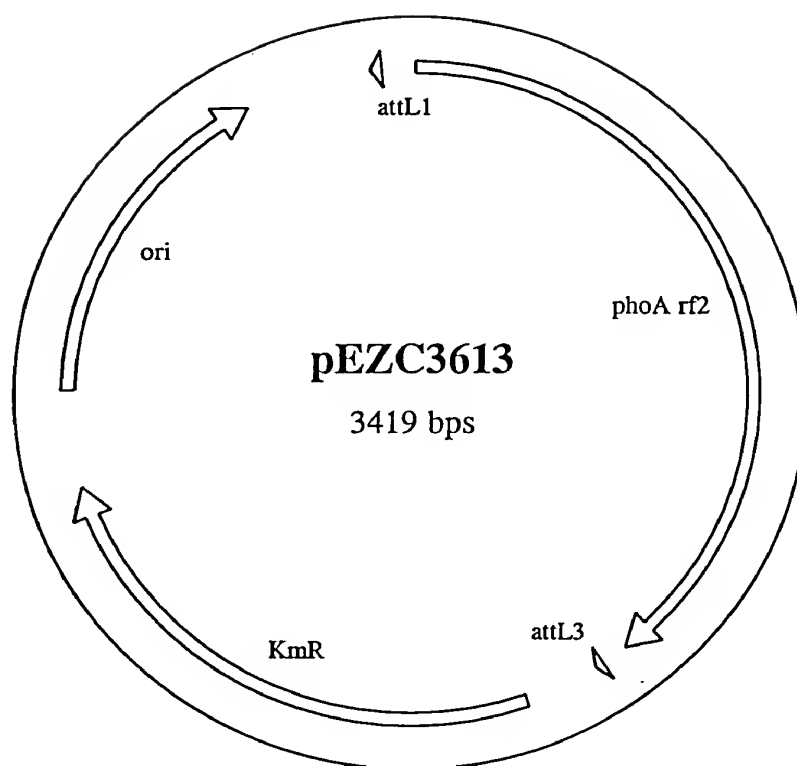


0092280" 06794960



- FIGURE 8F -

003280" 06/94960



- FIGURE 8G -

008280" 06284960

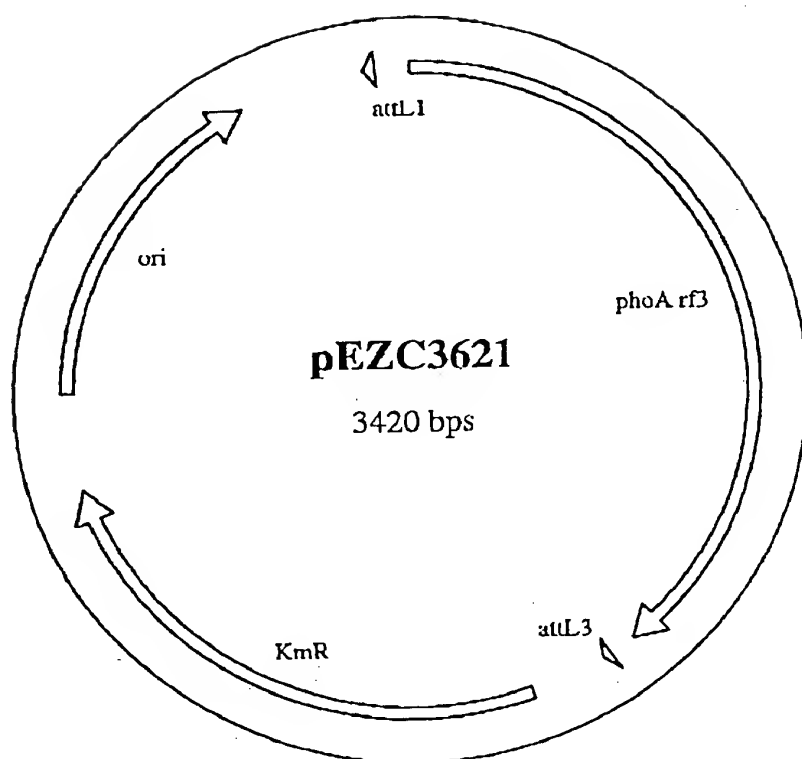


Figure 8H

000280" 06284960

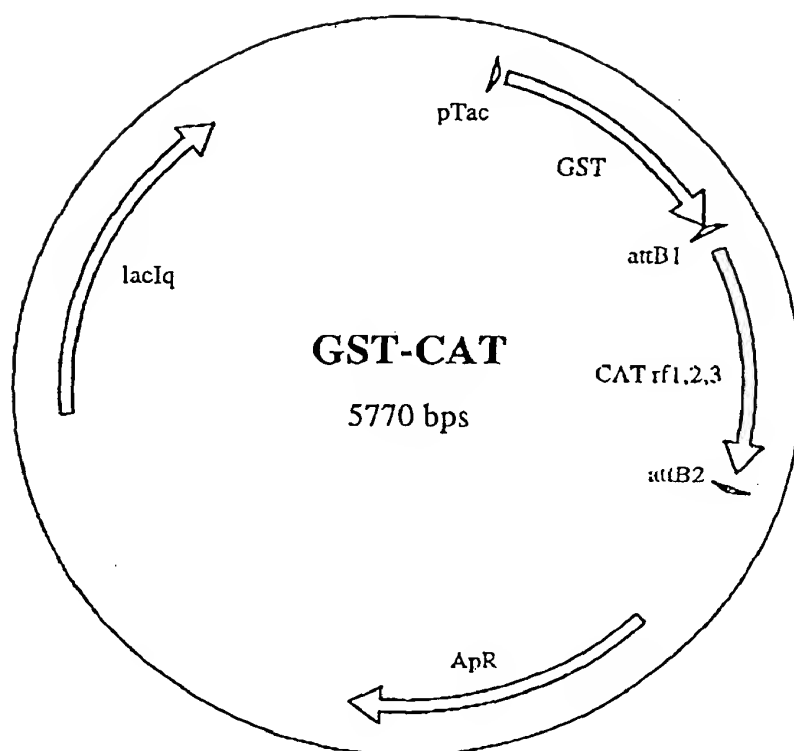


Figure 8I

00646790-082200

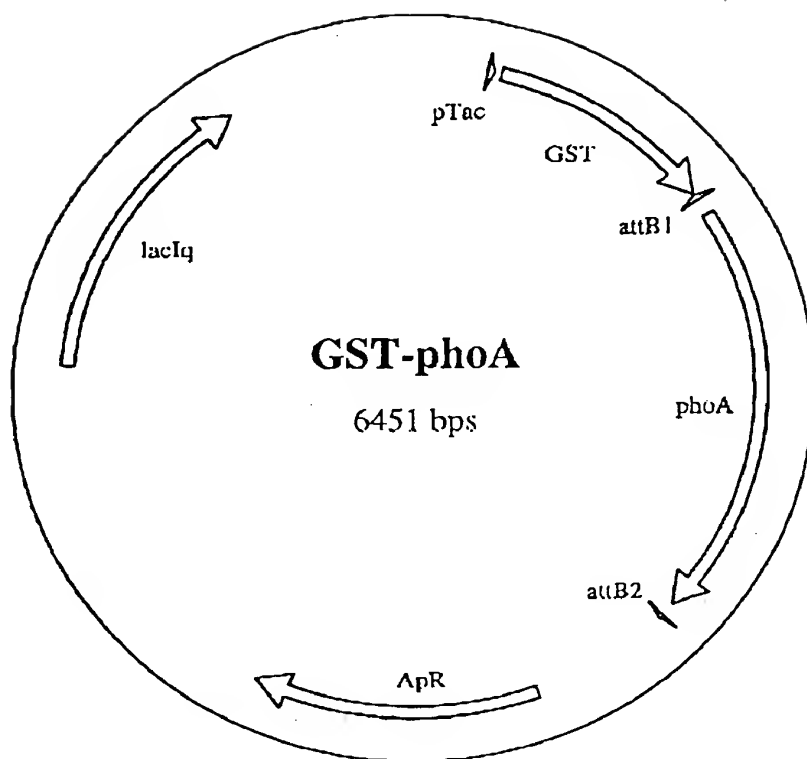


Figure 8J

09643790-082800

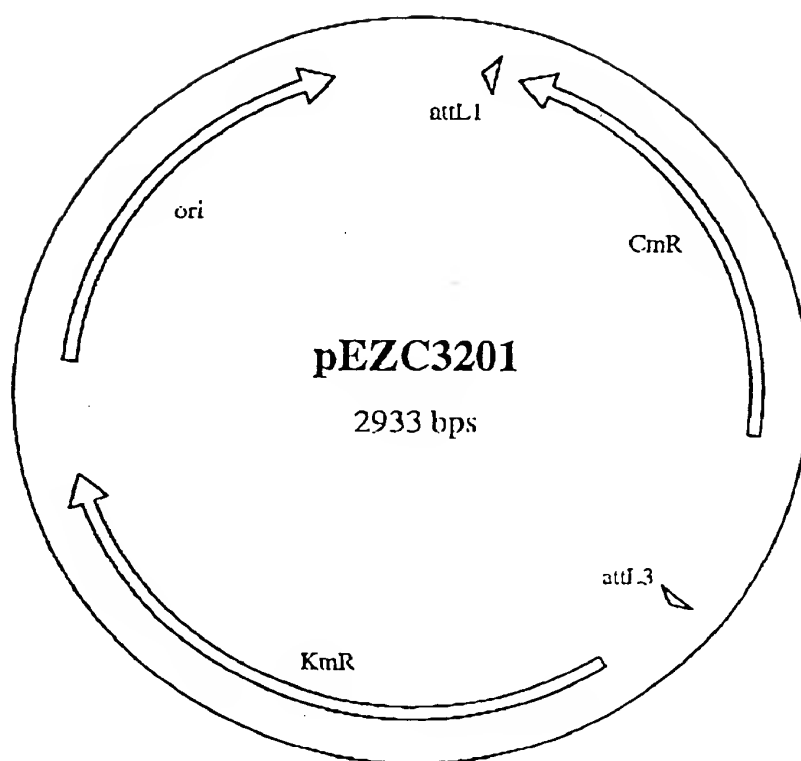
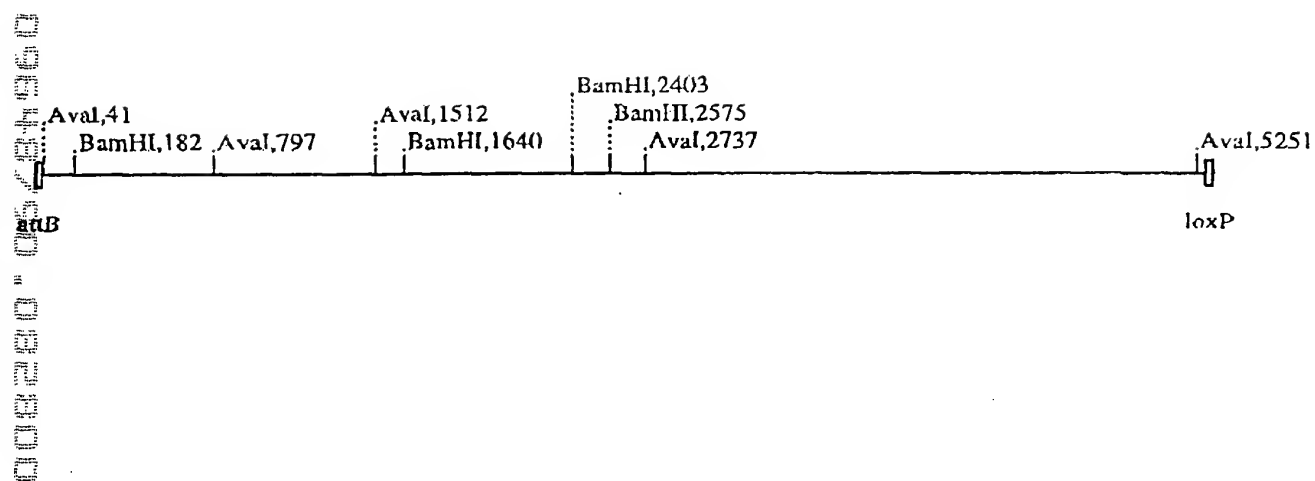


FIGURE 8K



5.2kbPCRprod (5327 bps)

FIGURE 9A

009280" 06284960

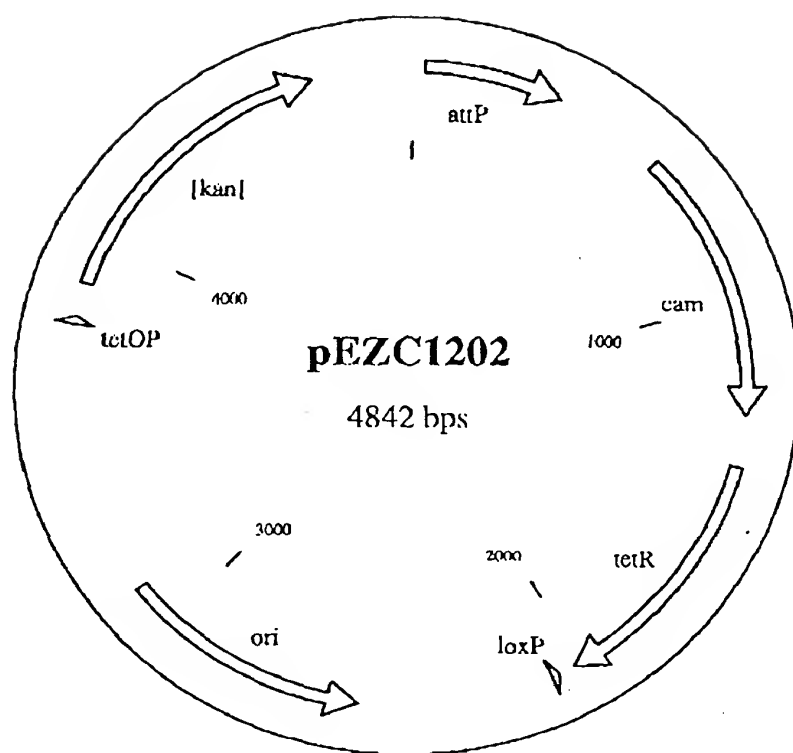


FIGURE 9B

009290-062800

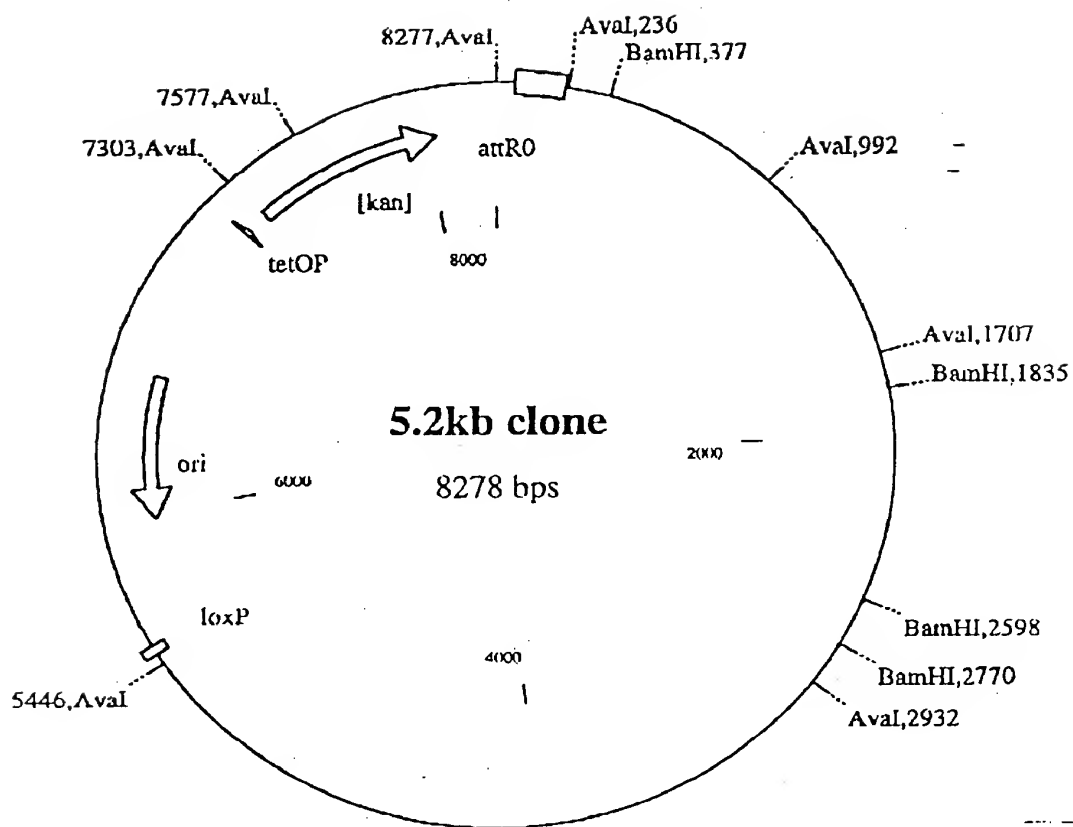


FIGURE 9C

00648790.032800

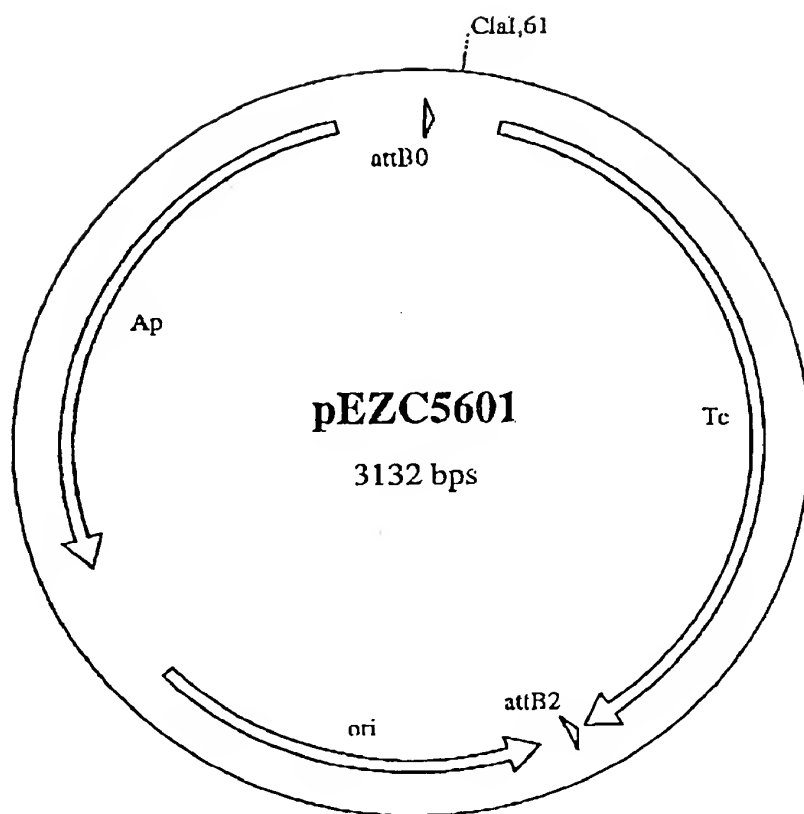


Figure 10A

000280" 0648790 032800

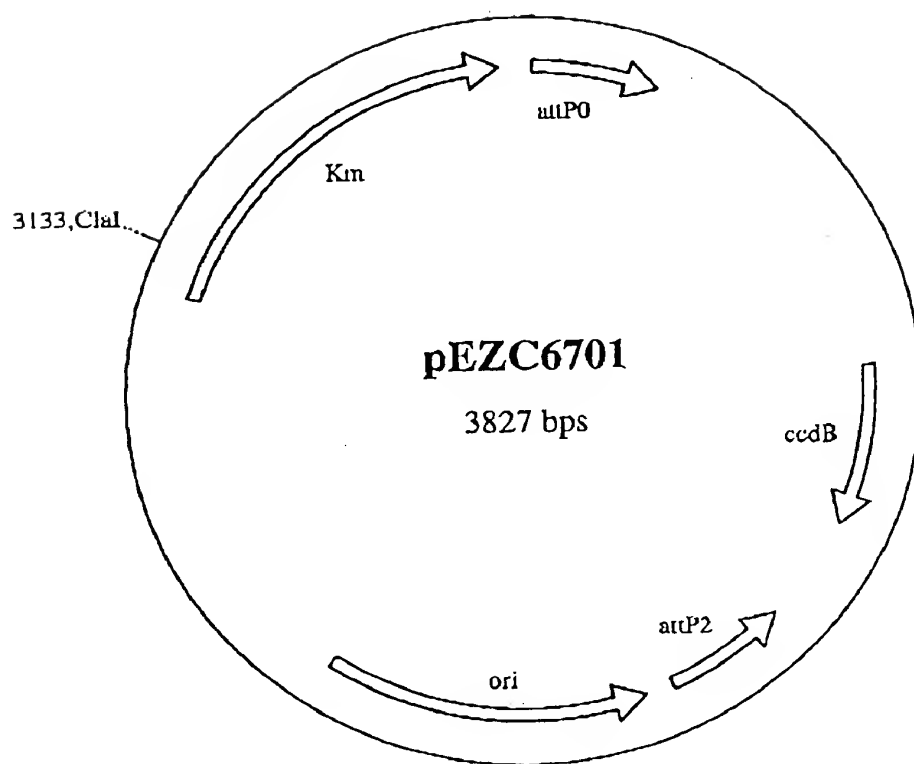


Figure 10B

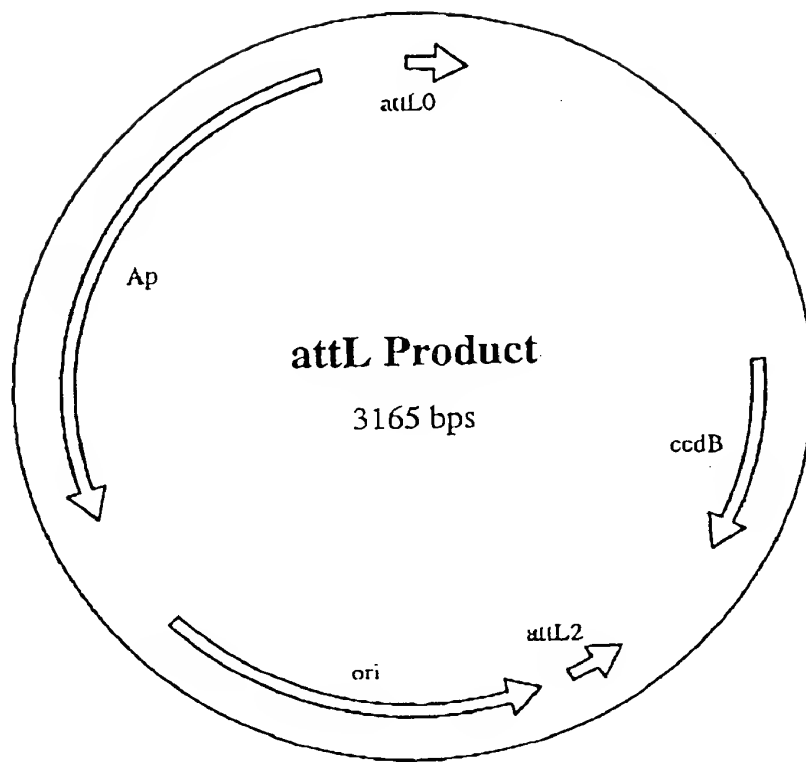
[illegible]

Figure 10c

attR Product
3794 bps

attR0

attR2

ori

Km

Tc

ClaI, 202

3100, ClaI

Figure 10D

pEZC7102
4161 bps

ori

CmR

KmR

attP1

cedB

attP2

Figure 11A

003230" 06284960

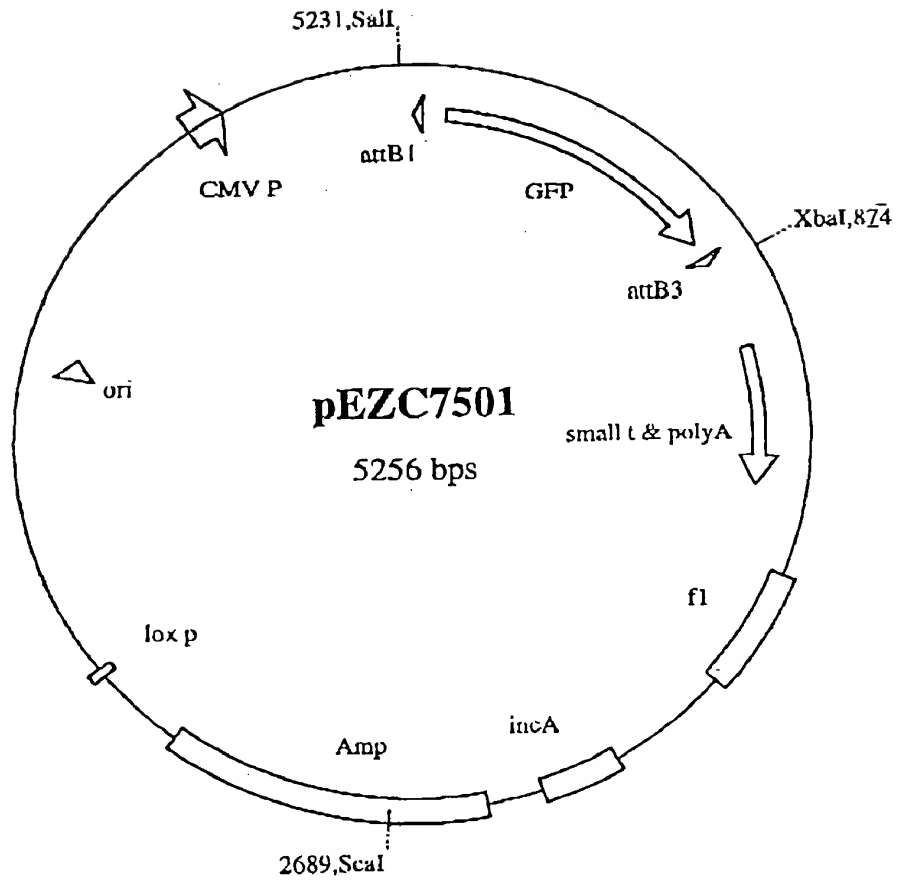


Figure 11B

003230" 06294950

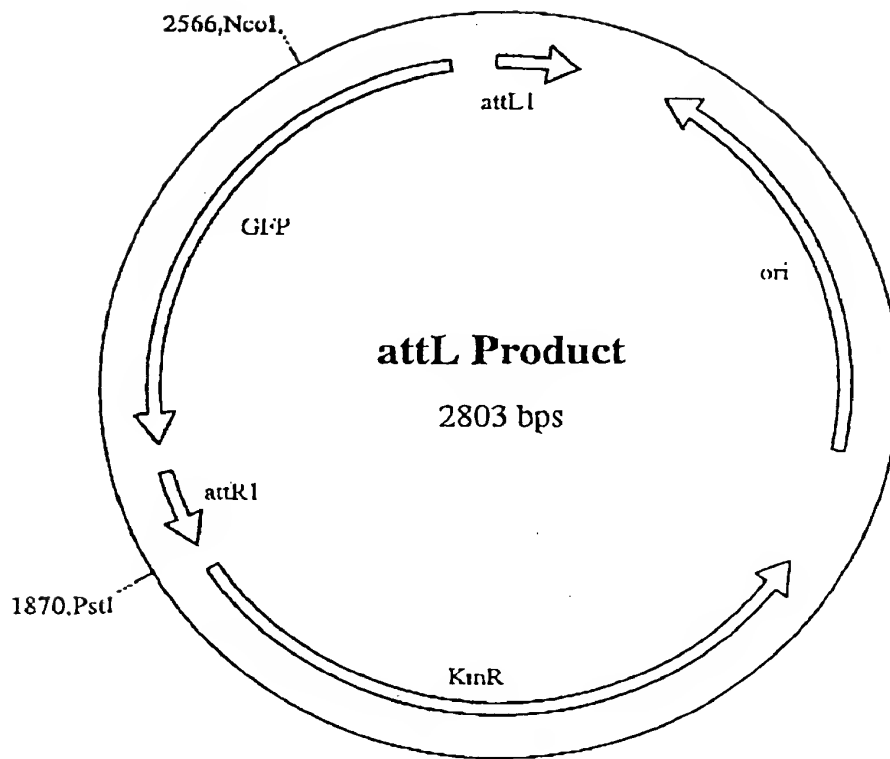
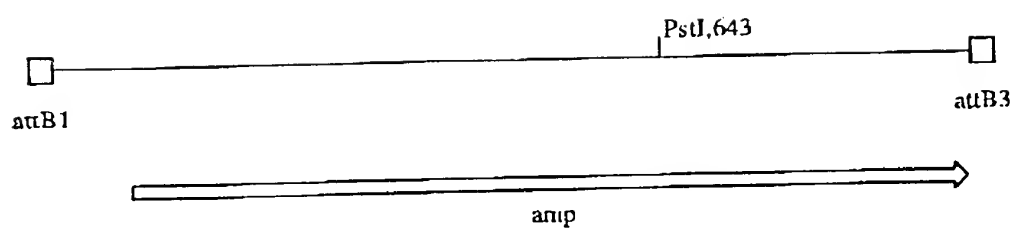


Figure 11D

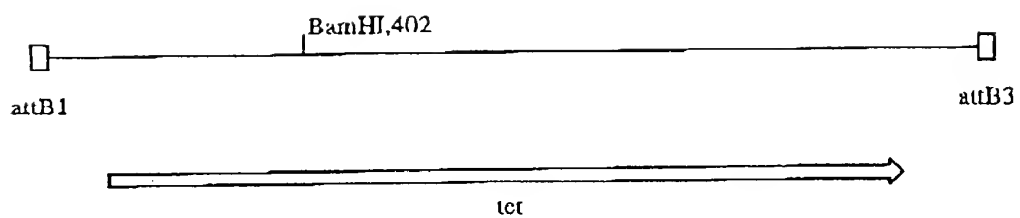
008280-06784960



attB1AMPattB3 (987 bps)

Figure 12A

09648790-032300



attB1TETattB3 (1442 bps)

Figure 12B

008280" 06/28/96 09:42:50.032800

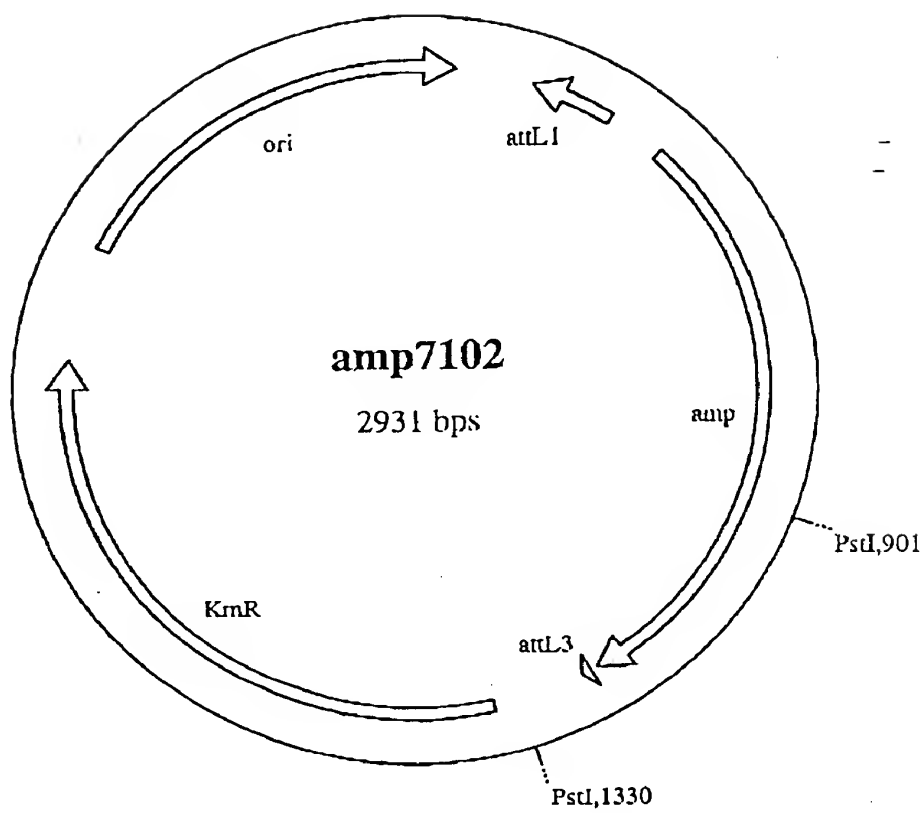


Figure 12C

000280-06784960

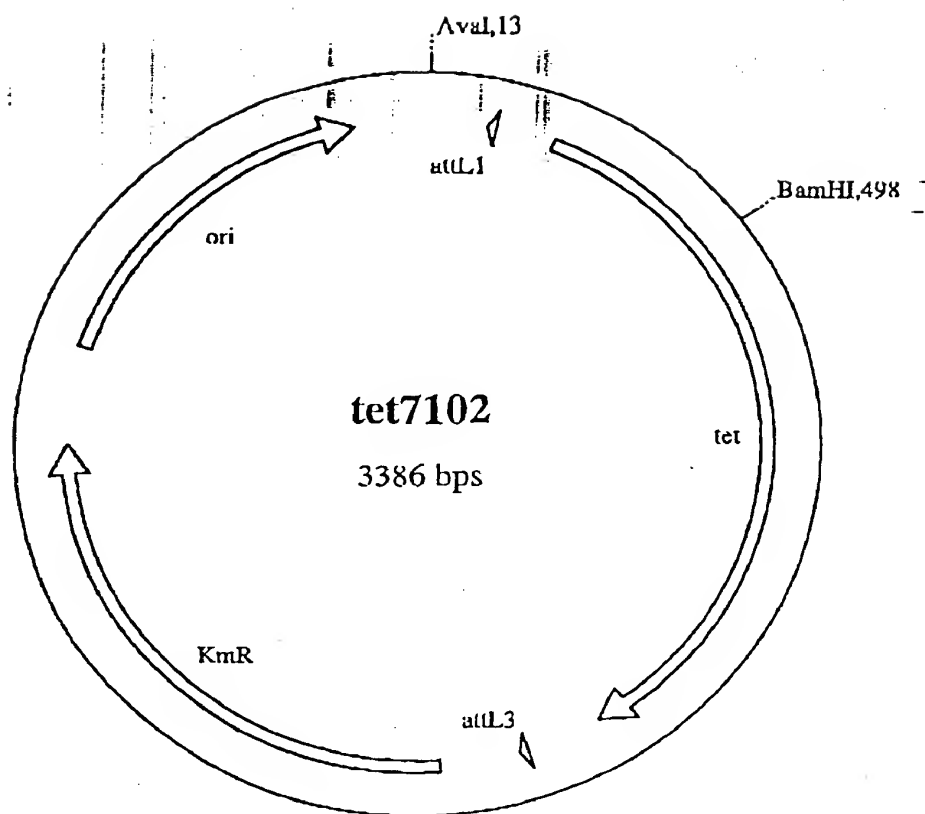


Figure 12D